KJ COMTECH

KJ-COMTECH micro miniature connectors series are coaxial connectors manufactured in the SMA style meeting MIL-C-39012 specifications.
It is a 50Ω super miniature with excellent high freguency capabilities when used for telecommunications.
It is most suitable in cases where space is limited and reliability is reguired.
It can be combined with a screw-on system and can use flexible cable and semi-rifid cable.
There are two types of cable connectors, crimp and clamp.

Series SMA-50Ω

Microminiature Coaxial Connector

Description

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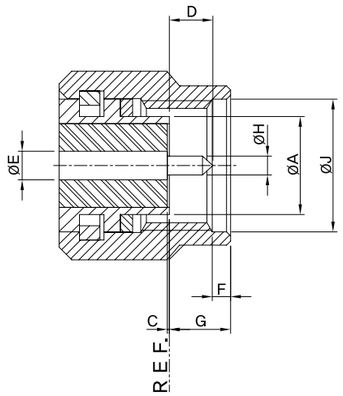
There are two types of cable connectors, crimp and clamp.

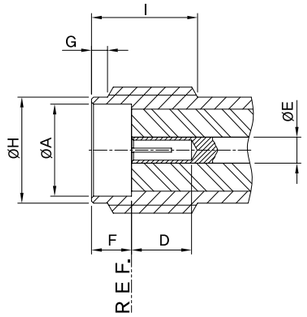
Contents

Interface Dimensions

Plug (Male)



Jack (Female)



Interface Dimensions in mm/inch

	Plug (Male)		Jack (Female)	
	Min.	Max.	Min.	Max.
A	-	4.59/0.181	4.59/0.181	-
C	-	0.25/0.010	-	-
D	-	2.54/0.100	2.67/0.105	-
E	1.27/0.050	1.28/0.050	1.27/0.050	1.28/0.050
F	0.38/0.015	1.14/0.045	1.95/0.077	1.98/0.078
G	-	3.43/0.135	0.38/0.015	1.14/0.045
H	0.92/0.036	0.94/0.037	5.28/0.208	5.49/0.216
I	-	-	4.32/0.170	-
J	6.35/0.250	-	-	-

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Technical Data

Requirement

Specification

ELECTRICAL DATA

TEST REQUIREMENTS

Cable type	Semi-ridid		Flexible	
Cable dielectric diameter	1.5 / 0.066	3 / 0.117	1.5 / 0.066	3 / 0.117
Impedance	50Ω			
Frequency range	DC 18GHz			
RF leakage (measured at 3 GHz)	≥100 dB-f		≥60 dB	
Dielectric withstanding voltage (at sea level,in V rms, 50Hz)	1000	1500	750	1000
Working voltage (at sea level,in V rms, 50Hz)	≤335	≤500	≤250	≤335
Corona extinction voltage (at 21.00m / 70.00 ft,in V rms, 50Hz)	250	375	190	250
Working voltage (at 21.00m / 70.00 ft,in V rms, 50Hz)	≤85	≤125	≤65	≤85
RF withstanding voltage (at 5 MHz ,V rms)	670	100	500	670
Insulation resistance	≥5 · 10^3 MΩ			
Contact resistance				
- Center contacts	≤ 3.0 mΩ			
- Outer contacts	≤ 2.5 mΩ			

MECHANICAL DATA

TEST REQUIREMENTS

Coupling Torque	max.	70 Ncm
	min.	12 Ncm
	recommended	80-120 Ncm
Coupling Nut Retention Force	≥200N	
Durability	≥500 matings	

Material Data

Connector Part	Material		Plating
	Male	Female	
PIN	Brass	Beryllium-Copper	Gold
INSULATOR	PTFE	PTFE	-
BODIES	Brass	Brass or Stainless Steel	Gold or Passivated
SPRING RING	Brass	-	Nickel
GASKET	Silcone-Rubber	-	-
COUPLING	Brass or Stainless Steel	-	Gold or Passivated
BODY CAP	Brass	-	Gold
CRIMP FERRULES	Brass	Brass	Gold or Nickel

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Cable Connector

Straight Cable Plugs (male)

For semi-rigid cables
With pin and insulator
Cable entry soldered
Center contact soldered

034TP

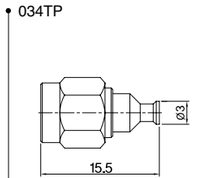

fig.1

047TP

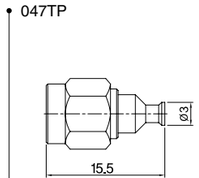

fig.2

085TP

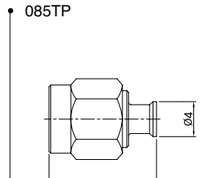

fig.3

141TP

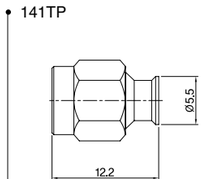

fig.4

250TP

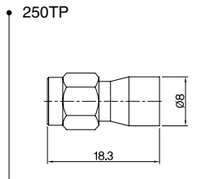

fig.5

Fig	Type	Code		Cable Goup (example)	Plating			AS-In	Note
		Old Code	New Code		Pin	Body	Coupling		
1	SMA50-PS-034	K314-018-000	CN1611S01-001-1/1	S01 034TP	Gold	Gold	SUS		
2	SMA50-PS-047	K314-017-000	CN1611S02-001-1/1	S02 047TP	Gold	Gold	SUS		
3	SMA50-PS-085	K314-010-000	CN1611S03-001-1/1	S03 085TP	Gold	Gold	SUS		
4	SMA50-PS-141	K314-011-000	CN1611S04-001-1/1	S04 141TP	Gold	Gold	SUS		
5	SMA50-PS-250	K314-024-000	CN1611S05-001-1/1	S05 250TP	Gold	Gold	SUS		

For multi-flex cable
With pin and insulator
Cable entry soldered
Center contact soldered

SS405

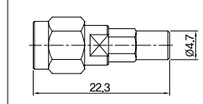

fig.1

SS402

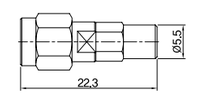

fig.2

Fig	Type	Code		Cable Goup (example)	Plating			AS-In	Note
		Old Code	New Code		Pin	Body	Coupling		
1	SMA50-PSS-SS405	K314-015-000	CN1611S07-001-1/1	SS405	Gold	Gold	Gold		
2	SMA50-PSS-SS402	K314-016-000	CN1611S08-001-1/1	SS402	Gold	Gold	Gold		

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For flexible cable
Cable entry clamp
Center contact soldered

RG316/U

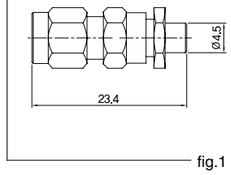

fig.1

RG400

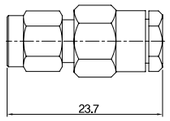

fig.2

LMR300

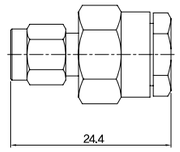

fig.3

1/4"SF

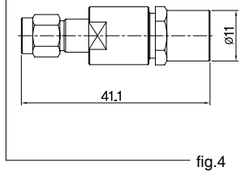

fig.4

Fig	Type	Code		Cable Goup (example)	Plating			AS-In	Note
		Old Code	New Code		Pin	Body	Coupling		
1	SMA50-P3-316	K314-003-000	CN1611X02-002-1/1	X02 RG316/U	Gold	Gold	Gold		
2	SMA50-P3-400	K314-004-000	CN1611X08-002-1/1	X08 RG400	Gold	Gold	Gold		
3	SMA50-P3-LMR300	K314-004-100	CN1611X20-001-1/1	X20 LMR300	Gold	Gold	Gold		
4	SMA50-P3-1/4"SF	K314-009-000	CN1611C06-001-1/1	C05 1/4"SF	Gold	Gold	SUS		

For flexible cable
Cable entry clamp
Center contact soldered

RG178

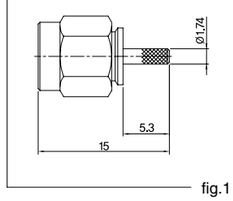

fig.1

RG316

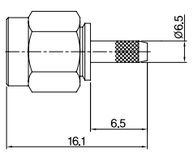

fig.2

RG400

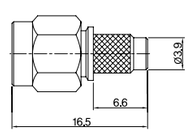

fig.3

LMR200

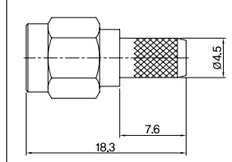

fig.4

Fig	Type	Code		Cable Goup (example)	Plating			AS-In	Note
		Old Code	New Code		Pin	Body	Coupling		
1	SMA50-PC-178	K314-001-178	CN1611X01-001-1/1	X01 RG178	Gold	Gold	Gold		
2	SMA50-PC-316	K314-001-000	CN1611X02-001-1/1	X02 RG316	Gold	Gold	Gold		
3	SMA50-PC-400	K314-002-000	CN1611X08-001-1/1	X08 RG400	Gold	Gold	Gold		
4	SMA50-PC-LMR200	K314-019-000	CN1611X06-001-1/1	X06 LMR200	Gold	Gold	Gold		

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Right Angle Plugs (male)

For semi-rigid cables
Cable entry soldered
Center contact soldered

047TP

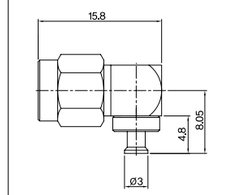

fig.1

085TP

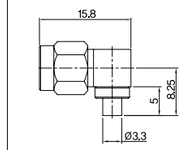

fig.2

141TP

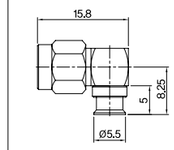

fig.3

Fig	Type	Code		Cable Goup (example)	Plating			AS-In	Note
		Old Code	New Code		Pin	Body	Coupling		
1	SMA50-LPS-047	K314-147-000	CN1631S02-001-1/1	S02 047TP	Gold	Gold	SUS		
2	SMA50-LPS-085	K314-141-000	CN1631S03-001-1/1	S03 085TP	Gold	Gold	SUS		
3	SMA50-LPS-141	K314-140-000	CN1631S04-001-1/1	S04 141TP	Gold	Gold	SUS		

For multi-flex cable
Cable entry soldered
Center contact soldered

SS405

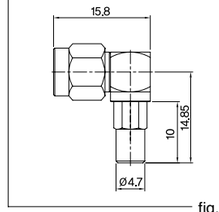

fig.1

SS402

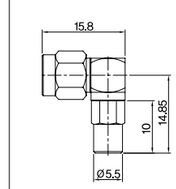

fig.2

Fig	Type	Code		Cable Goup (example)	Plating			AS-In	Note
		Old Code	New Code		Pin	Body	Coupling		
1	SMA50-LPSS-SS405	K314-145-000	CN1631S07-001-1/1	SS405	Gold	Gold	SUS		
2	SMA50-LPSS-SS402	K314-142-000	CN1631S08-001-1/1	SS402	Gold	Gold	SUS		

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For flexible cables
Cable entry clamp
Center contact soldered

RG316

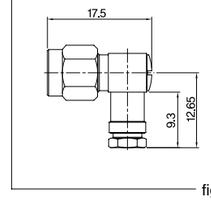

fig.1

RG400

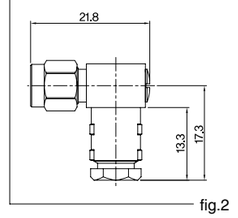

fig.2

Fig	Type	Code		Cable Goup (example)	Plating			AS-In	Note
		Old Code	New Code		Pin	Body	Coupling		
1	SMA50-LP3-316	K314-133-000	CN1631X02-002-1/1	X02 RG316	Gold	Gold	Gold		
2	SMA50-LP3-400	K314-134-000	CN1631X08-002-1/1	X16 RG400	Gold	Gold	Gold		

For flexible cable
Cable entry crimp
Center contact soldered

RG316

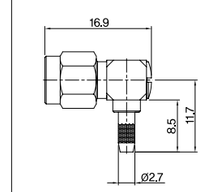

fig.1

RG316D

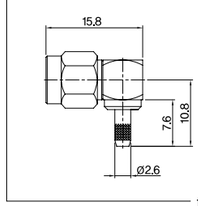

fig.2

RG400

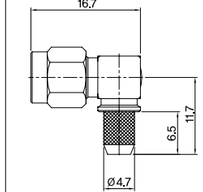

fig.2

Fig	Type	Code		Cable Goup (example)	Plating			AS-In	Note
		Old Code	New Code		Pin	Body	Coupling		
1	SMA50-LPC-316	K314-131-000	CN1631X02-001-1/1	X02 RG316	Gold	Gold	SUS		
2	SMA50-LPC-316DS	K314-135-000	CN1631X03-001-1/1	X03 RG316D	Gold	Gold	SUS		
3	SMA50-LPC-400	K314-132-000	CN1631X08-001-1/1	X08 RG400	Gold	Gold	SUS		

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Straight Cable Jacks (fmale)

For semi-rigid cables
Cable entry soldered
Center contact soldered

034TP

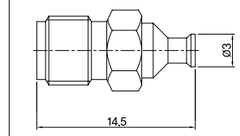

fig.1

085TP

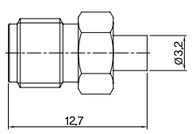

fig.2

141TP

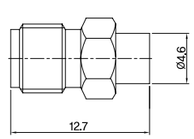

fig.3

SS402

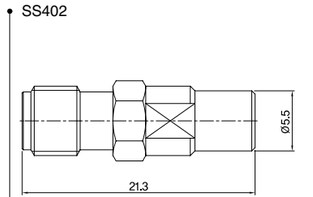

fig.4

Fig	Type	Code		Cable Goup (example)	Plating		AS-In	Note
		Old Code	New Code		Pin	Body		
1	SMA50-JS-034	K314-257-000	CN1612S01-001-1/1	S01 034TP	Gold	Gold		
2	SMA50-JS-085	K314-255-000	CN1612S03-001-1/1	S03 085TP	Gold	Gold		
3	SMA50-JS-141	K314-254-000	CN1612S04-001-1/1	S04 141TP	Gold	Gold		
4	SMA50-JSS-SS402	K314-256-000	CN1612S08-001-1/1	SS402	Gold	Gold		

For flexible cable
Cable entry crimp
Center contact soldered

RG316

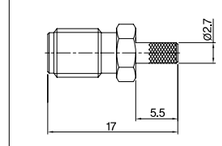

fig.1

RG58

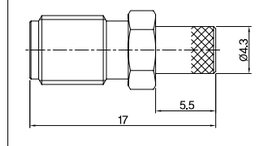

fig.2

Fig	Type	Code		Cable Goup (example)	Plating		AS-In	Note
		Old Code	New Code		Pin	Body		
1	SMA50-JC-316	K314-250-000	CN1612X02-001-1/1	X02 RG316	Gold	Gold		
2	SMA50-JC-58	K314-251-000	CN1612X08-001-1/1	X08 RG58	Gold	Gold		

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For flexible cable
Cable entry clamp
Center contact soldered

RG316

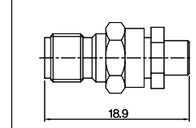

fig.1

RG58

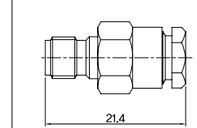

fig.2

1/4"SF

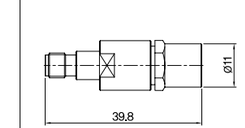

fig.3

Fig	Type	Code		Cable Goup (example)	Plating		AS-In	Note
		Old Code	New Code		Pin	Body		
1	SMA50-J3-316	K314-253-000	CN1612X02-002-1/1	X02 RG316	Gold	Gold		
2	SMA50-J3-58	K314-252-000	CN1612X08-002-1/1	X08 RG58	Gold	Gold		
3	SMA50-J3-1/4"SF	K314-211-000	CN1612C06-001-1/1	C06 1/4"SF	Gold	Gold		

Straight Bulkhead Cable Jacks (fmale)

For semi-rigid cables
Cable entry soldered
Center contact soldered
With panel seal

047TP

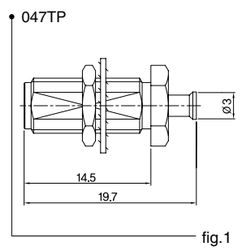

fig.1

047TP

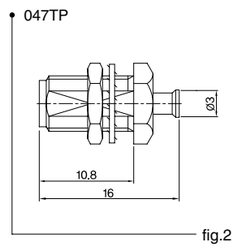

fig.2

085TP

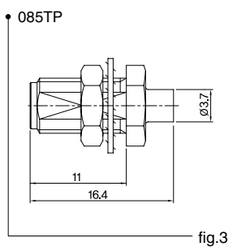

fig.3

141TP

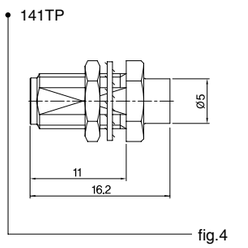

fig.4

047TP

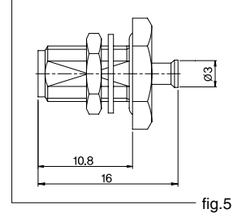

fig.5

085TP

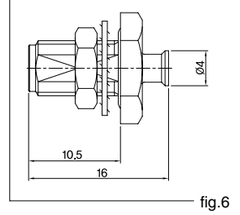

fig.6

141TP

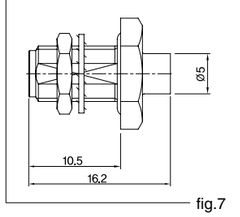

fig.7

250TP

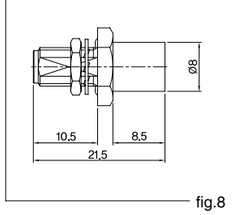

fig.8

Fig	Type	Code		Cable Goup (example)	Plating		AS-In	Note
		Old Code	New Code		Pin	Body		
1	SMA50-BJ-S-047	K314-374-200	CN1622S02-001-1/1	S02 047TP	Gold	Gold		8mm, D Cutting
2	SMA50-BJ-S-047	K314-375-008	CN1622S02-003-1/1	S02 047TP	Gold	Gold		8mm, D Cutting
3	SMA50-BJ-S-085	K314-374-006	CN1622S03-002-1/1	S03 085TP	Gold	Gold		8mm, D Cutting
4	SMA50-BJ-S-141	K314-375-002	CN1622S04-002-1/1	S04 141TP	Gold	Gold		11mm, D Cutting
5	SMA50-BJ-S-047	K314-375-004	CN1622S02-002-1/1	S02 047TP	Gold	Gold		11mm, D Cutting
6	SMA50-BJ-S-085	K314-374-000	CN1622S03-001-1/1	S03 085TP	Gold	Gold		11mm, D Cutting
7	SMA50-BJ-S-141	K314-375-000	CN1622S04-001-1/1	S04 141TP	Gold	Gold		11mm, D Cutting
8	SMA50-BJ-S-250	K314-368-000	CN1622S05-001-1/1	S05 250TP	Gold	Gold		11mm, D Cutting

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For semi-rigid cables or For flexible cable
Cable entry crimp & soldered
Center contact soldered
With panel seal

RG178

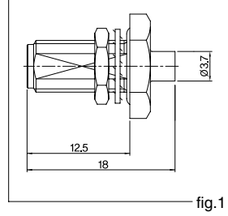

fig.1

RG178

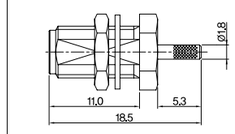

fig.2

RG316/U

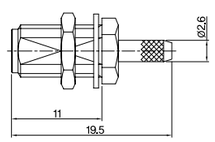

fig.3

RG316DS

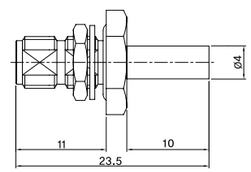

fig.4

RG316DS

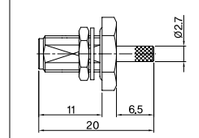

fig.5

RG400

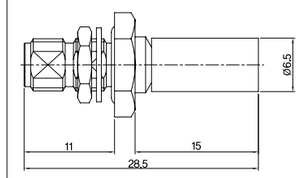

fig.6

RG316DS

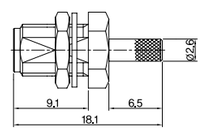

fig.7

085TP

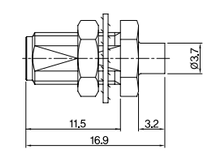

fig.8

RG178

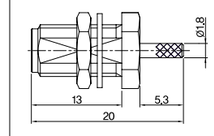

fig.9

085TP

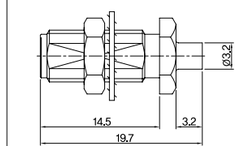

fig.10

085TP

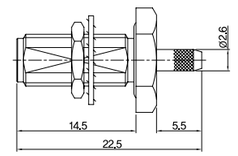

fig.11

141TP

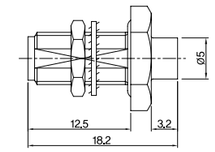

fig.12

047TP

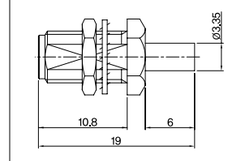

fig.13

Fig	Type	Code		Cable Goup (example)	Plating		AS-In	Note
		Old Code	New Code		Pin	Body		
1	SMA50-BJ-C-178	K314-375-005	CN1622X01-001-1/1	X01 RG178	Gold	Gold		8mm, D Cutting
2	SMA50-BJ-C-178	K314-374-005	CN1622X01-002-1/1	X01 RG178	Gold	Gold		8mm, D Cutting
3	SMA50-BJ-C-316	K314-369-001	CN1622X02-002-1/1	X02 RG316/U	Gold	Gold		8mm, D Cutting
4	SMA50-BJ-C-316DS	K314-360-000	CN1622X02-001-1/1	X03 RG316DS	Gold	Gold		11mm
5	SMA50-BJ-C-316DS	K314-366-001	CN1622X03-001-1/1	X03 RG316DS	Gold	Gold		11mm
6	SMA50-BJ-C-400	K314-361-001	CN1622X08-001-1/1	X08 RG400	Gold	Gold		11mm
7	SMA-BJ-C-316DS	K314-369-002	CN1622X03-002-1/1	X03 RG316DS	Gold	Gold		8mm, D Cutting
8	SMA-BJ-S-085	K314-374-008	CN1622S03-003-1/1	S03 085TP	Gold	Gold		8mm, D Cutting
9	SMA-BJ-C-178	K314-374-009	CN1622X01-003-1/1	X01 RG178	Gold	Gold		8mm, D Cutting
10	SMA-BJ-S-085	K314-374-100	CN1622S03-004-1/1	S03 085TP	Gold	Gold		8mm, D Cutting
11	SMA-BJ-S-085	K314-374-101	CN1622S03-005-1/1	S03 085TP	Gold	Gold		11mm, D Cutting
12	SMA-BJ-S-141	K314-375-001	CN1622S04-003-1/1	S04 141TP	Gold	Gold		11mm, D Cutting
13	SMA-BJ-S-047	K314-375-009	CN1622S02-005-1/1	S02 047TP	Gold	Gold		8mm, D Cutting

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Straight Panel Cable Jacks (female)

For semi-rigid cables or For flexible cable
Cable entry soldered & crimp
Center contact soldered

034TP

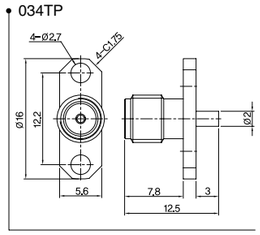

fig.1

085TP

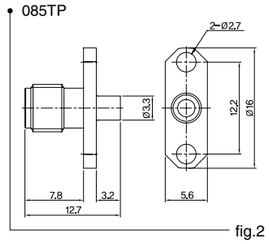

fig.2

141TP

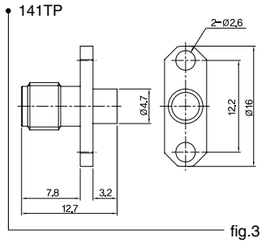

fig.3

085TP

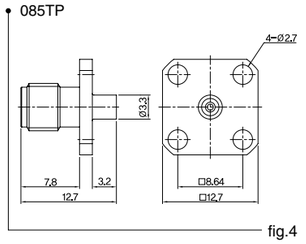

fig.4

141TP

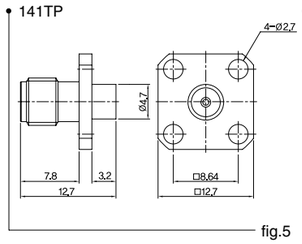

fig.5

RG316

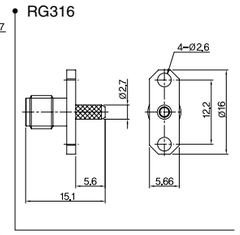

fig.6

RG316

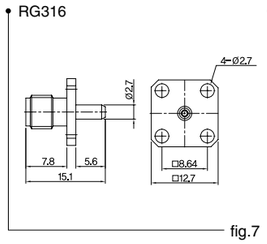

fig.7

RG58

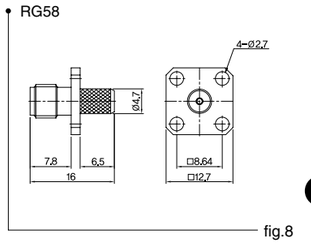

fig.8

Fig	Type	Code		Cable Goup (example)	Plating		AS-In	Note
		Old Code	New Code		Pin	Body		
1	SMA50-J-H2-S-034	K314-377-000	CN1642S01-001-1/1	S01 034TP	Gold	Gold		
2	SMA50-J-H2-S-085	K314-372-000	CN1642S03-001-1/1	S03 085TP	Gold	Gold		
3	SMA50-J-H2-S-141	K314-373-000	CN1642S04-001-1/1	S04 141TP	Gold	Gold		
4	SMA50-J-H4-S-085	K314-370-000	CN1644S03-001-1/1	S03 085TP	Gold	Gold		
5	SMA50-J-H4-S-141	K314-371-000	CN1644S04-002-1/1	S04 141TP	Gold	Gold		
6	SMA50-J-H2-C-316	K314-364-000	CN1642X02-001-1/1	X02 RG316	Gold	Gold		
7	SMA50-J-H4-C-316	K314-362-000	CN1644X02-001-1/1	X02 RG316	Gold	Gold		
8	SMA50-J-H4-C-58	K314-363-000	CN1644X08-001-1/1	X08 RG58	Gold	Gold		

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Special Cable Jacks

Straight or Right Angle Cable Jacks (female)

For semi-rigid cables or For flexible cable
Cable entry soldered & crimp
Center contact soldered

RG316

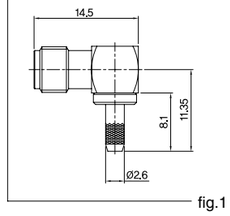

fig.1

141TP

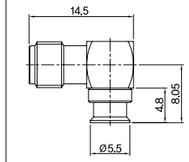

fig.2

085TP

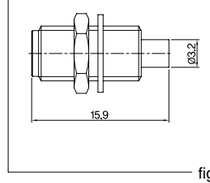

fig.3

034TP

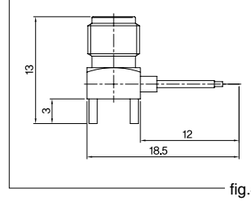

fig.4

Fig	Type	Code		Cable Goup (example)	Plating		AS-In	Note
		Old Code	New Code		Pin	Body		
1	SMA50-LJC-316	K314-280-000	CN1632X02-001-1/1	X02 RG316	Gold	Gold		
2	SMA50-LJS-141	K314-281-000	CN1632S04-001-1/1	S04 141TP	Gold	Gold		
3	SMA50-JS-NUT-085	K314-351-000	CN1612S03-002-1/1	S03 085TP	Gold	Gold		
4	SMA50-J4R-S-034	K314-476-000	CN1651S01-001-1/1	S01 034TP	Gold	Gold		

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Receptacles with Solder End

Receptacle Jacks (female)

Panel mounted & Bulhead mounted

With panel seal
With out

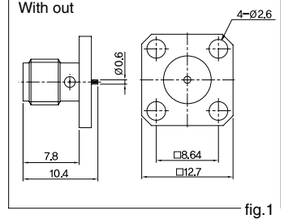

fig.1

With panel seal

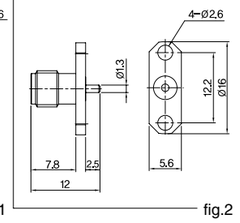

fig.2

With panel seal

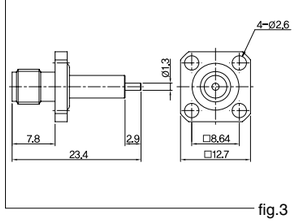

fig.3

Panel mounted

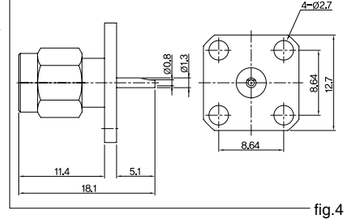

fig.4

Panel mounted

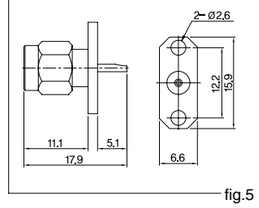

fig.5

Panel mounted

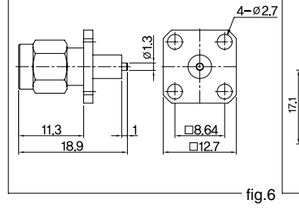

fig.6

Panel mounted

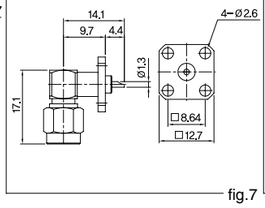

fig.7

Bulkhead mounted
With panel seal

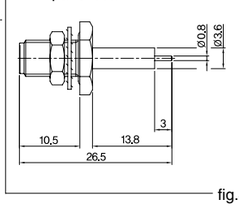

fig.8

Bulkhead mounted
With panel seal

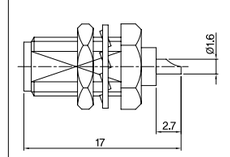

fig.9

Bulkhead mounted

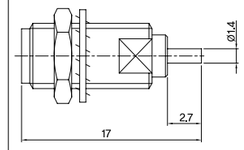

fig.10

Bulkhead mounted

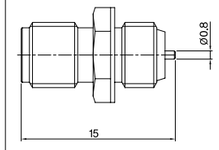

fig.11

Bulkhead mounted

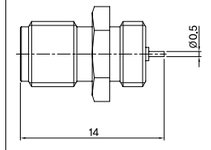

fig.12

Fig	Type	Code		Plating		Mounting Hole	AS-In	Note
		Old Code	New Code	Pin	Body			
1	SMA50-J-H4-R	K314-480-001	CN1644000-001-1/1	Gold	Gold	ML11		Epoxy Type
2	SMA50-J-H2-R	K314-481-002	CN1642000-001-1/1	Gold	Gold	ML12		0-0-1.3-2.5
3	SMA50-J-H4-R	K314-496-003	CN1644001-001-1/1	Gold	Gold	ML13		4.1-10.5-1.3H-2.9
4	SMA50-P-H4-R	K314-489-000	CN1643000-001-1/1	Gold	Gold			4.1-10.5-1.3H-2.9
5	SMA50-P-H2-R	K314-488-000	CN1641000-001-1/1	Gold	Gold	ML12		0-0-1.3-5
6	SMA50-P-H4-R	K314-489-007	CN1643000-001-1/1	Gold	Gold	ML13		4-5-1.3-1.0
7	SMA50-LP-H4-R	K314-622-000	CN1637000-001-1/1	Gold	Gold			3.6-10.8-0.5-3
8	SMA50-BJ-R	K314-513-005	CN1622000-003-1/1	Gold	Gold	ML14		
9	SMA50-BJ-R	K314-513-000	CN1622000-002-1/1	Gold	Gold			8mm , D Cutting
10	SMA50-J-R	K314-512-000	CN1622000-001-1/1	Gold	Gold	ML15		Nut / Washer
11	SMA50-J-BR	K314-516-006	CN1626000-002-1/1	Gold	Gold	ML14		육각 8mm
12	SMA50-J-BR	K314-515-005	CN1626000-001-1/1	Gold	Gold			육각 8mm

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Receptacle Jacks (female)

Panel mounted & Bulhead mounted

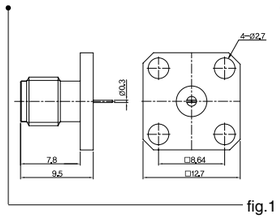

fig.1

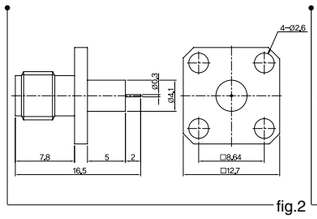

fig.2

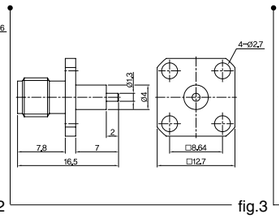

fig.3

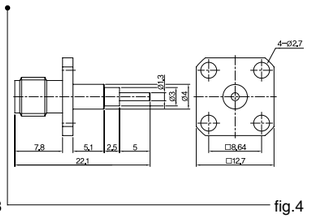

fig.4

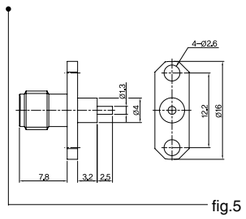

fig.5

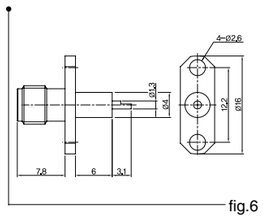

fig.6

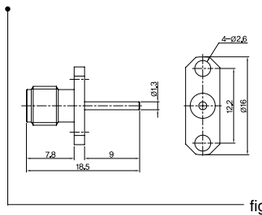

fig.7

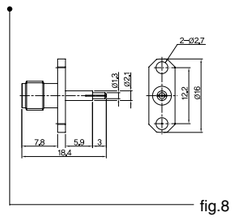

fig.8

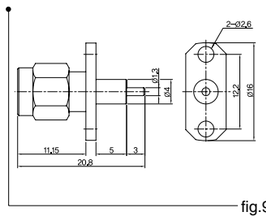

fig.9

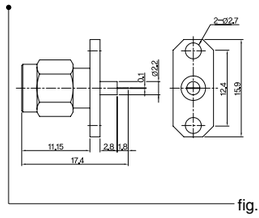

fig.10

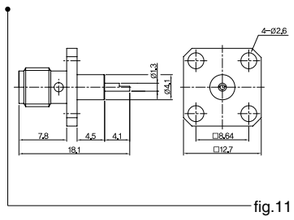

fig.11

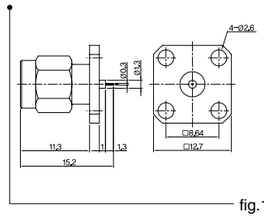

fig.12

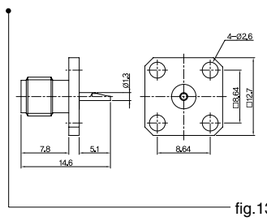

fig.13

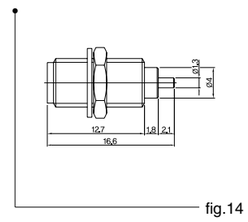

fig.14

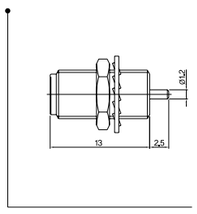

fig.15

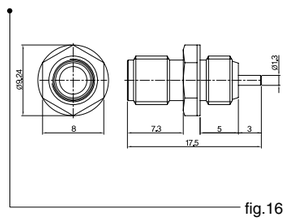

fig.16

Fig	Type	Code		Plating		Mounting Hole	AS-In	Note
		Old Code	New Code	Pin	Body			
1	SMA-J-H4-R	K314-480-005	CN1644000-002-1/1	Gold	Gold	ML11		0-0-0.3t-2.5
2	SMA-J-H4-R	K314-480-006	CN1644000-003-1/1	Gold	Gold	ML11		4-5-0.3t-2.0
3	SMA-J-H4-R	K314-480-010	CN1644000-004-1/1	Gold	Gold	ML17		4-5-1.3-2
4	SMA-J-H4-R	K314-480-013	CN1644000-005-1/1	Gold	Gold	ML17		4-5.1-3-2.5-1.3-5
5	SMA-J-H2-R	K314-481-001	CN1642000-002-1/1	Gold	Gold	ML20		4-3.2-1.3-2.5
6	SMA-J-H2-R	K314-481-004	CN1642000-003-1/1	Gold	Gold	ML20		4-1.5-0.3t-2
7	SMA-J-H2-R	K314-481-005	CN1642000-004-1/1	Gold	Gold	ML20		0-0-0.3t-2.5
8	SMA-J-H2-R	K314-481-011	CN1642000-005-1/1	Gold	Gold	ML5		0-0-2.0-5.9-1.3-3
9	SMA-P-H2-R	K314-484-001	CN1641000-002-1/1	Gold	Gold	ML20		4-5-1.3-3
10	SMA-P-H2-R	K314-484-003	CN1641000-003-1/1	Gold	Gold	-		2.2-2.8-0.1t-1.8
11	SMA-J-H4-R	K314-487-008	CN1644000-006-1/1	Gold	Gold	ML13		4-4.5-1.3H-4
12	SMA-P-H4-R	K314-491-000	CN1643000-003-1/1	Gold	Gold	ML17		0-0-1.3-1-0.3t-1.3
13	SMA-J-H4-R	K314-496-000	CN1644000-007-1/1	Gold	Gold	ML17		0-0-1.3H-5.1
14	SMA-J-R	K314-512-006	CN1628000-001-1/1	Gold	Gold	ML15		4-1.5-1.3-2.4
15	SMA-J-R	K314-512-009	CN1628000-002-1/1	Gold	Gold	ML15		0-0-1.3-2.5
16	SMA-J-BR	K314-518-005	CN1626000-003-1/1	Gold	Gold	ML15		0-0-1.3-3

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Right Angle Receptacle (female)

Bulkhead mounted

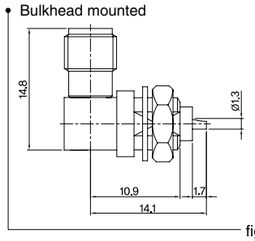

fig.1

Panel mounted

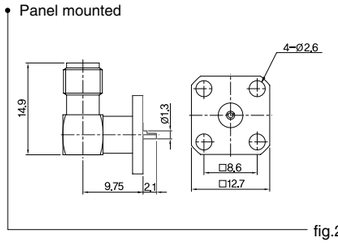

fig.2

Fig	Type	Code		Plating		Mounting Hole	AS-In	Note
		Old Code	New Code	Pin	Body			
1	SMA50-LJ-BR	K314-621-000	CN1634000-001-1/1	Gold	Gold	ML16		4.1-1.5-1.3-1.7
2	SMA50-LJ-H4-R	K314-620-003	CN1638000-001-1/1	Gold	Gold	ML17		0-0-1.3-2

Straight or Right Angle

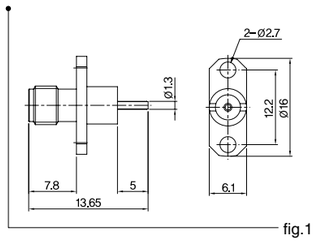

fig.1

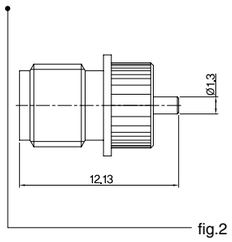

fig.2

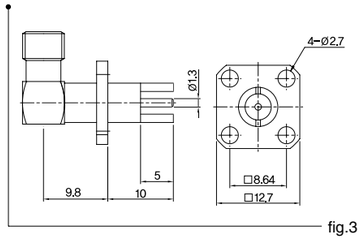

fig.3

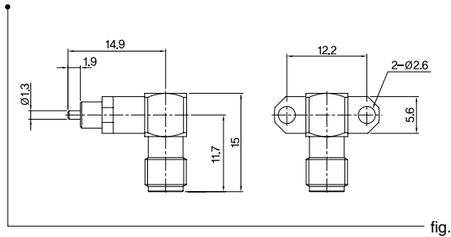

fig.4

Fig	Type	Code		Plating		Mounting Hole	AS-In	Note
		Old Code	New Code	Pin	Body			
1	SMA50-J-H2-2R-R 90°	K314-483-006	CN1645000-001-1/1	Gold	Gold	ML18		19.5-7.8-1.7-5-5
2	SMA50-J-BR	K314-531-000	CN1627000-001-1/1	Gold	Gold	ML14		Press Type
3	SMA50-LJ-H4-2R-R	K314-620-006	CN163A000-001-1/1	Gold	Gold	ML19		
4	SMA50-LJ-H2-R	K314-630-000	CN1636000-001-1/1	Gold	Gold	ML20		Long

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PCB Connectors

Straight PCB Jacks (female)

Without stand off

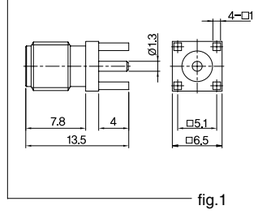

fig.1

With stand off

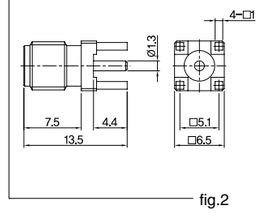

fig.2

SMT

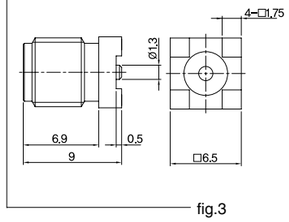

fig.3

Edge mont

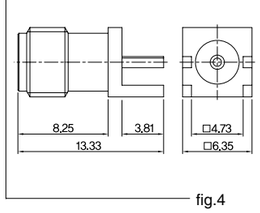

fig.4

Fig	Type	Code		Plating		Mounting Hole	AS-In	Note
		Old Code	New Code	Pin	Body			
1	SMA50-J-4R-R	K314-479-000	CN1651000-002-1/1	Gold	Gold	ML21		
2	SMA50-J-4R-R	K314-477-000	CN1651000-001-1/1	Gold	Gold			
3	SMA50-J-4R-R	K314-479-015	CN1651000-003-1/1	Gold	Gold	ML22		
4	SMA50-J-4R-R	K314-479-008	CN1657000-001-1/1	Gold	Gold	ML23		EDGE

Right Angle PCB Jacks (female)

Without stand off

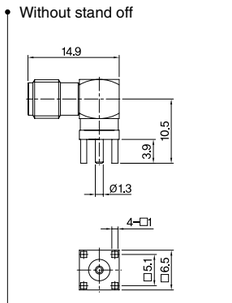

fig.1

Without stand off

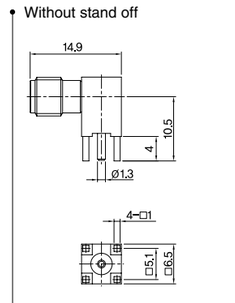

fig.2

SMT

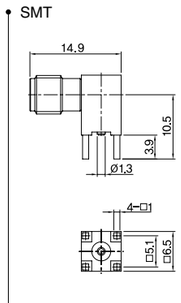

fig.3

Bulkhead mounted

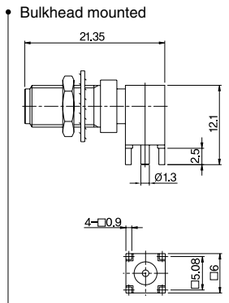

fig.4

Fig	Type	Code		Plating		Mounting Hole	AS-In	Note
		Old Code	New Code	Pin	Body			
1	SMA50-LJ-4R-R	K314-623-000	CN1653000-001-1/1	Gold	Gold	ML21		
2	SMA50-LJ-4R-R	K314-628-002	CN1653000-003-1/1	Gold	Gold			
3	SMA50-LJ-4R-R	K314-628-000	CN1653000-002-1/1	Gold	Gold			
4	SMA50-LBJ-4R-R	K314-625-002	CN1654000-001-1/1	Gold	Gold	ML24		

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Adaptor within-Series

Straight Adaptors

Jack to Jack (female)

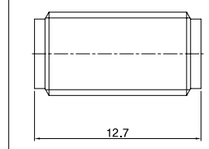

fig.1

Jack to Jack (female)

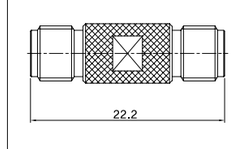

fig.2

Jack to Jack (female)
Bulkhead mounted

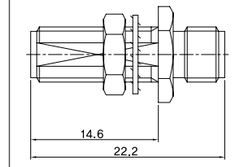

fig.3

Jack to Jack (female)
With panel seal

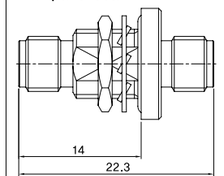

fig.4

Jack to Jack (female)

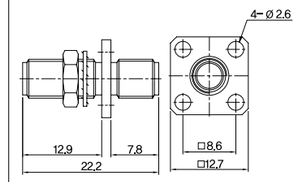

fig.5

Jack to Jack (female)
With panel seal

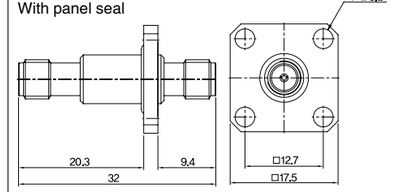

fig.6

Plug to Plug (male)

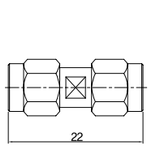

fig.7

Plug to Jack (male-female)

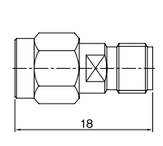

fig.8

Right Angle Adaptors

Plug to Jack (male-female)

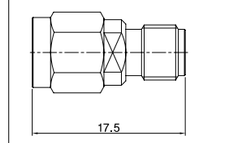

fig.9

Plug to Plug (male)

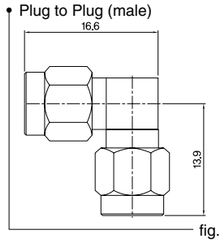

fig.10

Jack to Jack (female)

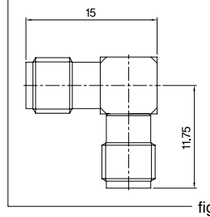

fig.11

Plug to Jack (male-female)

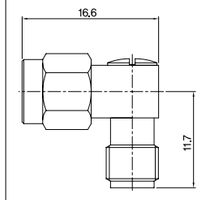

fig.12

Fig	Type	Code		V.S.W.R	Plating		Mounting Hole	AS-In	Note
		Old Code	New Code		Pin	Body			
1	SMA50-A-JJ	K314-701-000	AD1612-003-1/1		Gold	Gold	ML15		
2	SMA50-A-JJ	K314-704-001	AD1612-002-1/1		Gold	Gold	-		
3	SMA50-BA-JJ	K314-700-000	AD1622-001-1/1		Gold	Gold	ML14		
4	SMA50-BA-JJ	K314-700-002	AD1622-002-1/1		Gold	Gold	ML25		L : 22.2
5	SMA50-PA-JJ	K314-700-001	AD1646-001-1/1		Gold	Gold	-		L : 22.2
6	SMA50-PA-JJ	K314-705-000	AD1646-002-1/1		Gold	Gold	ML26		
7	SMA50-A-PP	K314-702-001	AD1611-001-1/1		Gold	Gold	-		
8	SMA50-A-JP	K314-703-003	AD1613-001-1/1		Gold	Gold	-		
9	SMA50-A-JP	K314-703-004	AD1613-002-1/1		Gold	Gold	-		Push On
10	SMA50-LA-PP	K314-772-000	AD1631-001-1/1		Gold	Gold	-		
11	SMA50-LA-JJ	K314-774-000	AD1632-001-1/1		Gold	Gold	-		
12	SMA50-LA-PJ	K314-776-000	AD1633-001-1/1		Gold	Gold	-		

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T-Adaptors

JPJ

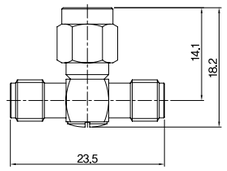

fig.1

PPP

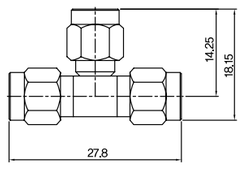

fig.2

JJJ

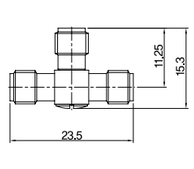

fig.3

Fig	Type	Code		Plating		AS-In	Note
		Old Code	New Code	Pin	Body		
1	SMA50-TA-JPJ	K314-780-000	AD1652-001-1/1	Gold	Gold		
2	SMA50-TA-PPP	K314-781-000	AD1653-001-1/1	Gold	Gold		
3	SMA50-TA-JJJ	K314-782-000	AD1651-001-1/1	Gold	Gold		

Protective Caps and Shorts

Cap with chain for plug

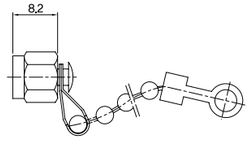

fig.1

Cap without chain for plug

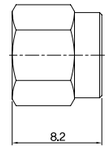

fig.2

Fig	Type	Code		Plating		AS-In	Note
		Old Code	New Code	Pin	Body		
1	SMA50-P-CAP	K314-812-000	CN1680-001-1/1	Gold	Gold		Chain
2	SMA50-P-CAP	K314-813-000	CN1681-001-1/1	Gold	Gold		No Chain

Termination

Plug (male)

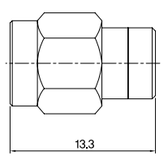

fig.1

Plug (male) , with chain

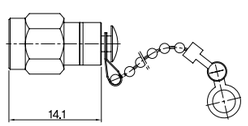

fig.2

Jack (female)

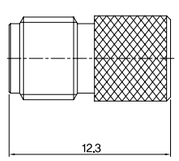

fig.3

Plug (male) , Speed Quick Test

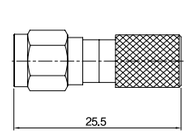

fig.4

Fig	Type	Code		V.S.W.R	Plating		Note
		Old Code	New Code		Pin	Body	
1	SMA50-P-TERM	K314-950-006	CN1691-001-1/1	DC ~ 3㎓ ≤1.2	Gold	Gold	No Chain
2	SMA50-P-TERM	K314-950-008	CN1692-001-1/1	DC ~ 3㎓ ≤1.2	Gold	Gold	Chain
3	SMA50-J-TERM	K314-951-000	CN1694-001-1/1	DC ~ 3㎓ ≤1.2	Gold	Gold	No Chain
4	SMA50-P-TERM	K314-950-007	CN1693-001-1/1	DC ~ 3㎓ ≤1.2	Gold	Gold	No Chain

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Attenuators

50Ω plug to jack (male + female)

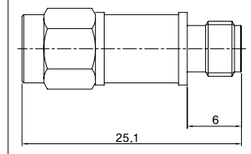

fig.1

Fig	Type	Code		Plating		Note
		Old Code	New Code	Pin	Body	
1	SMA50-A-JP	K314-790-010	CN1671000-001-1/1	Gold	Gold	1dB

※ The Attenuators are available for customized dB at reguired freguency ranges.

DC-BLOCK

50Ω plug to jack (male + female)

K314-971-000

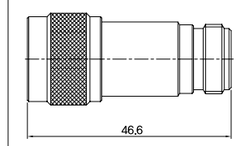

fig.1

Fig	Type	Code		Plating		Note
		Old Code	New Code	Pin	Body	
1	SMA50-JP-DC BLOCK	K314-971-000	CN1672-001-1/1	Gold	Gold	

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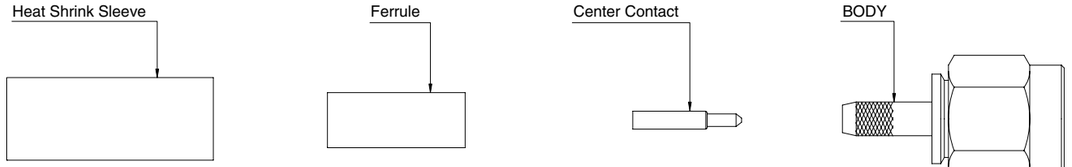
STANDARD CRIMP

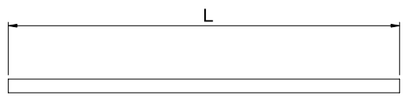


CONNECTORS

- K314-001
- K314-002
- K314-250
- K314-251
- K314-360
- K314-361
- K314-362
- K314-363

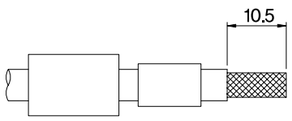
1. Cut the cable as much as required.

Step 1.



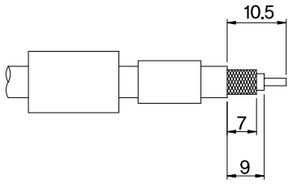
2. Insert the ferrule and the shrink sleeve into the body and take off the outer seath.

Step 2.



3. Strip off the out conductor and center conductor as shown in the diagram.

Step 3.

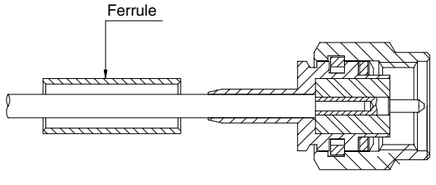


4. After Preparing the center conductor to solder, insert the center contact and solder.

Step 4.

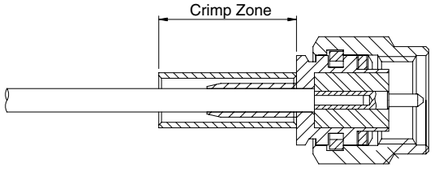
5. Insert the center contact and dielectric core of the cable into the body being wrapped with the above portion of the body. After finished, push the ferrule above the outer conductor and crimp with the crimp tool.

Step 5.



6. Push the shrink sleeve into above the ferrule finished crimping and contract by heating.

Step 6.



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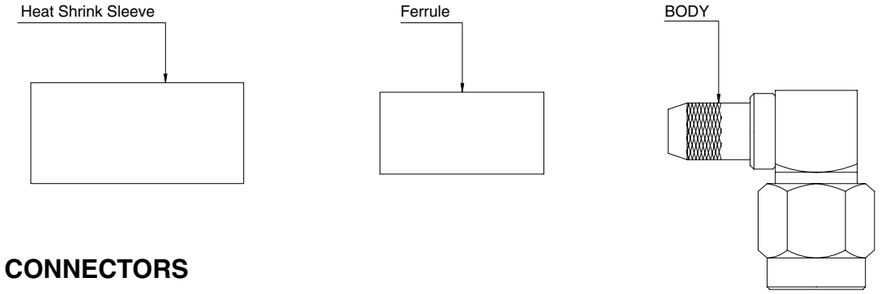
RIGHT ANGLE CRIMP

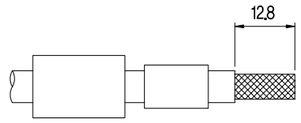


CONNECTORS

- K314-131
- K314-132

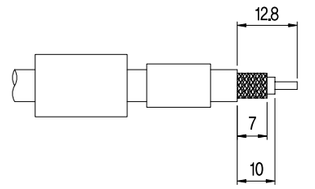
1. Insert the ferrule and the shrink sleeve into the cable and take off the outer seath.

Step 1.



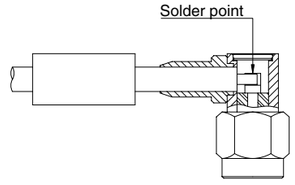
2. Strip off the out conductor and Inner conductor as shown in the diagram and prepare the Inner conductor the solder.

Step 2.



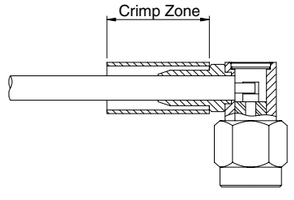
3. When insert the cable into the body, fix the Inner conductor to the solder point ecactly after doing that, solder it.

Step 3.



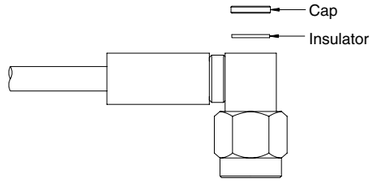
4. Insert the ferrule and crimp with crimp tool and then contract the shrink sleeve.

Step 4.



5. Insert the Insulator into the body and close the cap.

Step 5.



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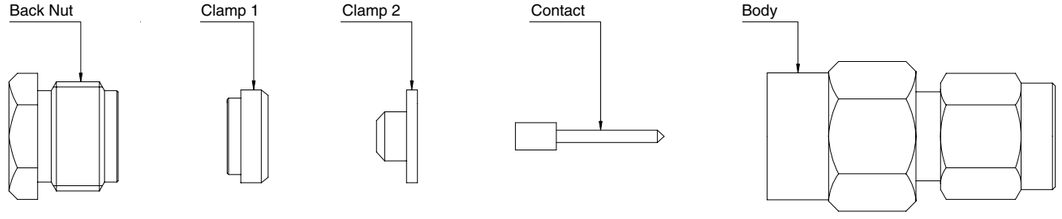
STANDARD CLAMP

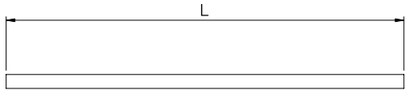


CONNECTORS

- K314-004
- K314-252
- K314-253

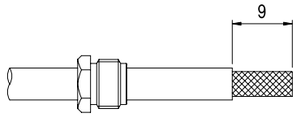
1. Cut the cable as much as required.

Step 1.



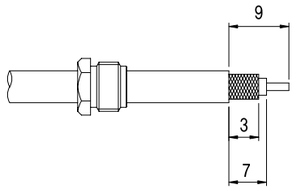
2. Insert the back nut into the cable and strip off the outer seath.

Step 2.



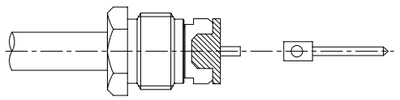
3. Strip off the out conductor and center conductor as shown in the diagram.

Step 3.



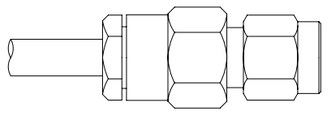
4. Assemble the gasket, the contact into the back nut in the order named .

Step 4.



5. Push the cable into the body after soldering to contact and tighten the back nut with coupling torque.

Step 5.



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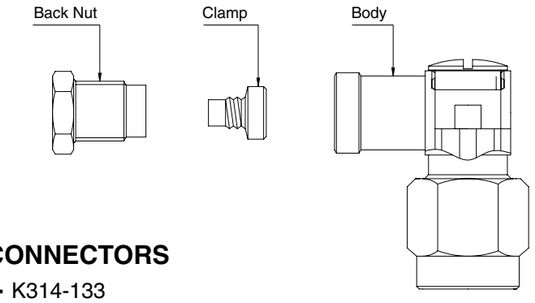
STANDARD CLAMP

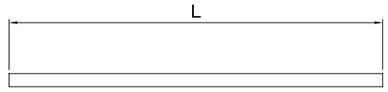


CONNECTORS

- K314-133
- K314-134

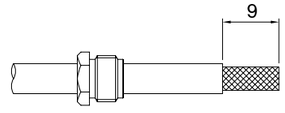
1. Cut the cable as much as required.

Step 1.



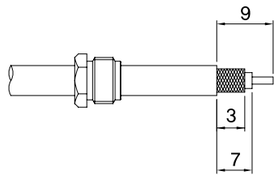
2. Insert the back nut into the cable and strip off the outer seath.

Step 2.



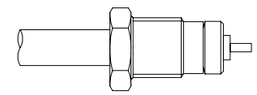
3. Strip off the out conductor and center conducto as shown in the diagram.

Step 3.



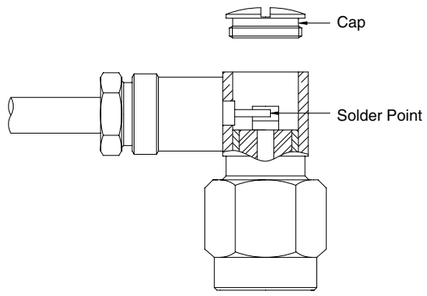
4. Insert the clamp up to the insulator and be egual to the back nut.

Step 4.



5. Insert the cable into the body with soldering to the solder point and tighten with coupling torque, after finished seal up the insulator, cap in the order named.

Step 5.



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