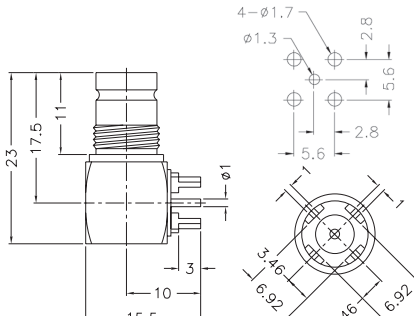
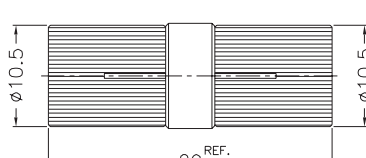
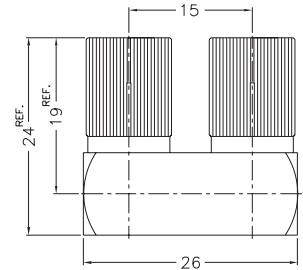
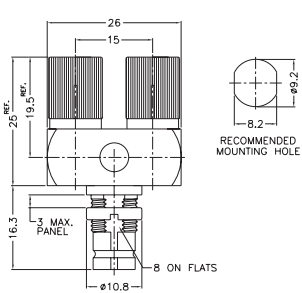
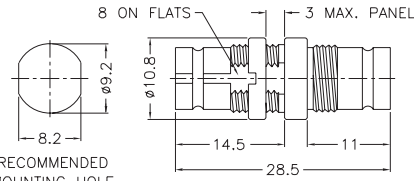
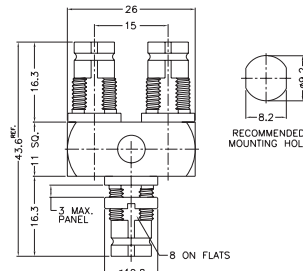


1.6/5.6 Miniature 75 ohm coaxial connectors continued

 <p>Right Angle Bulkhead Jack for PCB 1566252M1N3GT3G75</p>	 <p>Plug to Plug Adapter 1562071A1N3GT3G75</p>	 <p>Plug to Plug 'U' Link Adapter 1562076A1N3GT3G75</p>												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Part Number:</th> <th>Description:</th> </tr> <tr> <td>1566252M01RFX</td> <td>Gold Finish (Au)</td> </tr> </table>	Part Number:	Description:	1566252M01RFX	Gold Finish (Au)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Part Number:</th> <th>Description:</th> </tr> <tr> <td>1562071A01RFX</td> <td>Gold Finish (Au)</td> </tr> </table>	Part Number:	Description:	1562071A01RFX	Gold Finish (Au)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Part Number:</th> <th>Description:</th> </tr> <tr> <td>1562076A01RFX</td> <td>Gold Finish (Au)</td> </tr> </table>	Part Number:	Description:	1562076A01RFX	Gold Finish (Au)
Part Number:	Description:													
1566252M01RFX	Gold Finish (Au)													
Part Number:	Description:													
1562071A01RFX	Gold Finish (Au)													
Part Number:	Description:													
1562076A01RFX	Gold Finish (Au)													

 <p>Plug to Jack to Plug 'Y' Link Adapter 1564077A1N3GT3G75</p>	 <p>Jack to Jack Bulkhead Adapter 1567471A1N3GT3G75</p>	 <p>Jack to Jack to Jack 'Y' Link Adapter 1568077A1N3GT3G75</p>												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Part Number:</th> <th>Description:</th> </tr> <tr> <td>1564077A01RFX</td> <td>Gold Finish (Au)</td> </tr> </table>	Part Number:	Description:	1564077A01RFX	Gold Finish (Au)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Part Number:</th> <th>Description:</th> </tr> <tr> <td>1567471A01RFX</td> <td>Gold Finish (Au)</td> </tr> </table>	Part Number:	Description:	1567471A01RFX	Gold Finish (Au)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Part Number:</th> <th>Description:</th> </tr> <tr> <td>1568077A01RFX</td> <td>Gold Finish (Au)</td> </tr> </table>	Part Number:	Description:	1568077A01RFX	Gold Finish (Au)
Part Number:	Description:													
1564077A01RFX	Gold Finish (Au)													
Part Number:	Description:													
1567471A01RFX	Gold Finish (Au)													
Part Number:	Description:													
1568077A01RFX	Gold Finish (Au)													

SMA 901 Series 50 ohm

Materials

- Body/Metal parts – Brass*
- Finishes – Nickel or Gold
- Contact Material/Finish
- Centre MALE – Brass/Gold
- Centre FEMALE – Beryllium Copper/Gold
- Insulator – Teflon
- Crimp Ferrules – Copper alloy
- Gasket – Silicone Rubber

Durability

250 cycles

Electrical

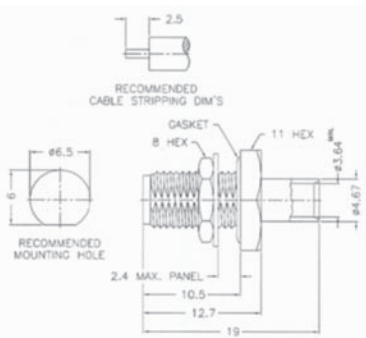
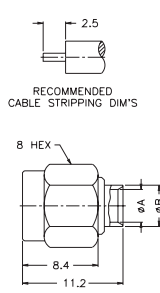
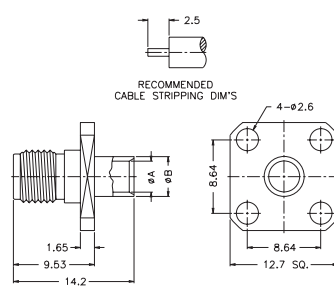
- Impedance – 50 ohm
- Frequency range
- Semi Rigid cable – 0-18 GHz
- Flexible cable – 0-12.4 GHz
- Voltage – up to 335 VRMS
- Dielectric withstand – up to 1000 VRMS
- VSWR Straight – 1.3
- R/A – 1.5
- Resistance Centre – 6 Milliohms max
- Outer – 2 Milliohms max
- Insulator – 5000 Megaohms min

Environmental

- Temp. range – -65°C thru 165°C
- Shock – Consult Representative
- Vibration – Consult Representative
- Corrosion – Consult Representative
- Moisture – Consult Representative
- Altitude – Consult Representative

Related Information

- Hand Tools – Page W-1
- Termination Instr. – Page U-35-U-38
- Terminology – Page U-38

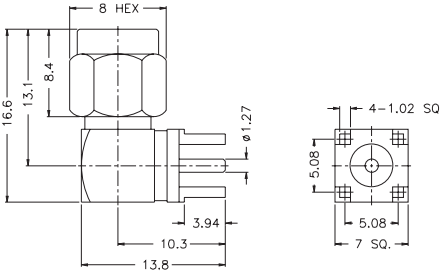
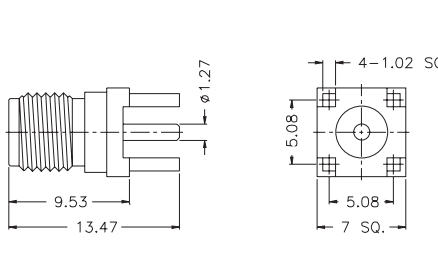
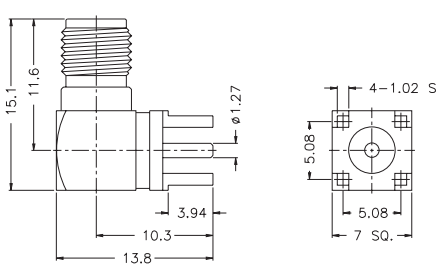
 <p>Solder Bulkhead Straight Jack Termination Instruction B SMA6481Ax3GT50Gxxx50</p>	 <p>Solder Straight Plug with Contact Termination Instruction B SMA1181Ax3GT50Gxxx50</p>	 <p>Solder 4-Hole Flange Straight Jack Termination Instruction B SMA6581Ax3GT50G08550</p>																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Part Number:</th> <th>Description:</th> </tr> <tr> <td>9019945RFX</td> <td>.085 S/R A: 2.2 B: 3.0 - Gold</td> </tr> <tr> <td>9019946RFX</td> <td>.141 S/R A: 3.6 B: 4.6 - Gold</td> </tr> </table>	Part Number:	Description:	9019945RFX	.085 S/R A: 2.2 B: 3.0 - Gold	9019946RFX	.141 S/R A: 3.6 B: 4.6 - Gold	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Part Number:</th> <th>Description:</th> </tr> <tr> <td>9019867RFX</td> <td>.085 S/R A: 2.2 B: 3.0 - Gold</td> </tr> <tr> <td>9019868RFX</td> <td>.141 S/R A: 3.6 B: 4.6 - Gold</td> </tr> </table>	Part Number:	Description:	9019867RFX	.085 S/R A: 2.2 B: 3.0 - Gold	9019868RFX	.141 S/R A: 3.6 B: 4.6 - Gold	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Part Number:</th> <th>Description:</th> </tr> <tr> <td>9019947RFX</td> <td>.085 S/R A: 2.2 B: 3.0 - Gold</td> </tr> <tr> <td>9019948RFX</td> <td>.141 S/R A: 3.6 B: 4.6 - Gold</td> </tr> </table>	Part Number:	Description:	9019947RFX	.085 S/R A: 2.2 B: 3.0 - Gold	9019948RFX	.141 S/R A: 3.6 B: 4.6 - Gold
Part Number:	Description:																			
9019945RFX	.085 S/R A: 2.2 B: 3.0 - Gold																			
9019946RFX	.141 S/R A: 3.6 B: 4.6 - Gold																			
Part Number:	Description:																			
9019867RFX	.085 S/R A: 2.2 B: 3.0 - Gold																			
9019868RFX	.141 S/R A: 3.6 B: 4.6 - Gold																			
Part Number:	Description:																			
9019947RFX	.085 S/R A: 2.2 B: 3.0 - Gold																			
9019948RFX	.141 S/R A: 3.6 B: 4.6 - Gold																			

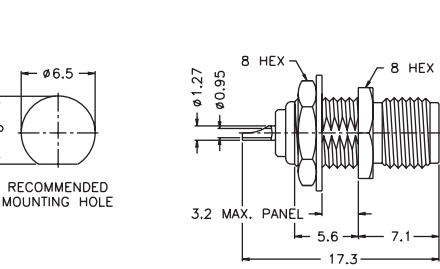
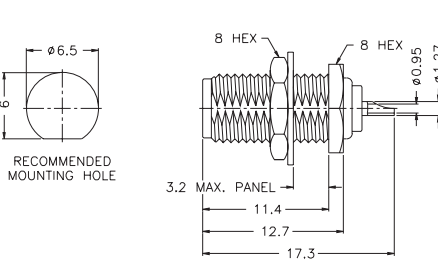
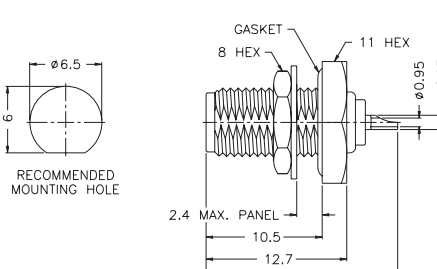
ARFA/RP

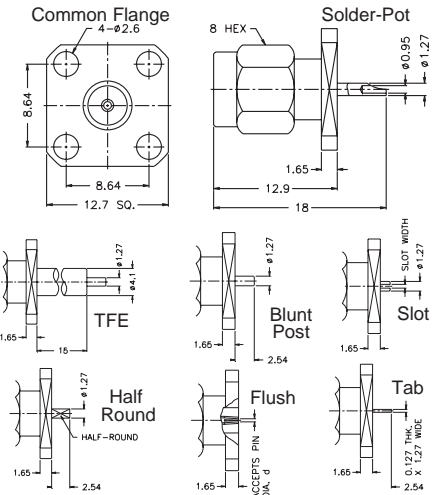
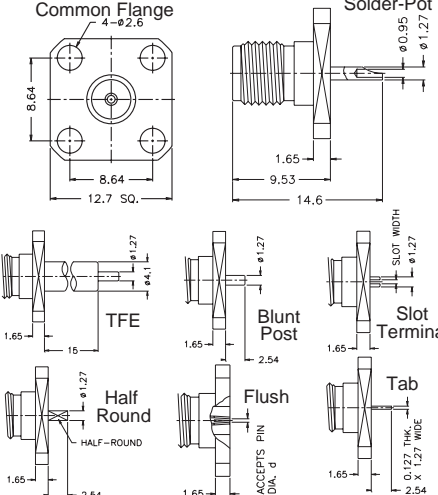
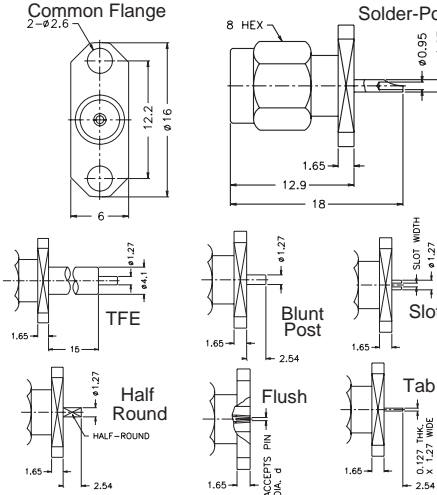
Amphenol

RF Interconnects

SMA 901 Series 50 ohm continued

 <p style="text-align: center;">Right Angle Plug for PCB SMA1252A2xT50G50</p>	 <p style="text-align: center;">Straight Jack for PCB SMA6251A1xT50G50</p>	 <p style="text-align: center;">Right Angle Jack for PCB SMA6252A2xT50G50</p>			
Part Number:	Description:	Part Number:	Description:	Part Number:	Description:
9019894RFX	Gold	9011448RFX	Gold	9011436RFX	Gold
9019894XRFX	Nickel	9011448XRFX	Nickel	9011436XRFX	Nickel

 <p style="text-align: center;">Solder-Pot Bulkhead Jack – Front Mount SMA6351B1xT50G50</p>	 <p style="text-align: center;">Solder-Pot Bulkhead Jack – Rear Mount SMA6451B1xT50G50</p>	 <p style="text-align: center;">Solder-Pot Bulkhead Jack – Rear Mount SMA6451A1xT50G50</p>			
Part Number:	Description:	Part Number:	Description:	Part Number:	Description:
9019889RFX	Gold	9019890RFX	Gold	9019959RFX	Gold
9019889XRFX	Nickel	9019890XRFX	Nickel	9019959XRFX	Nickel

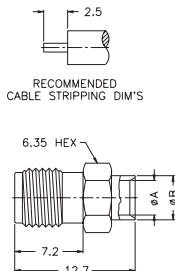
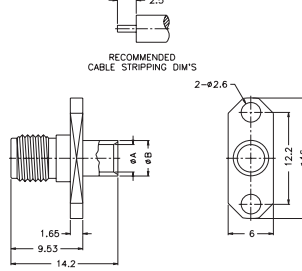
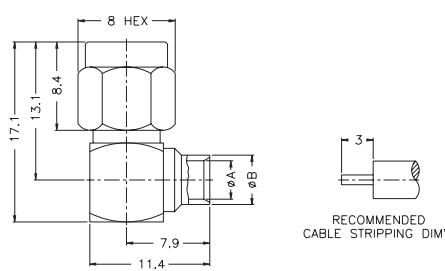
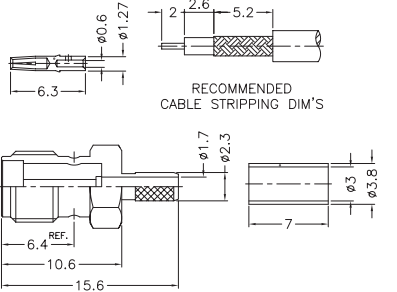
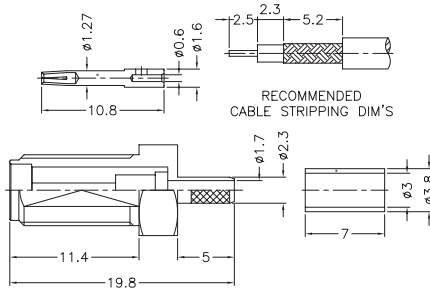
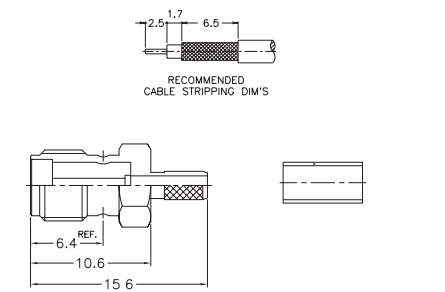
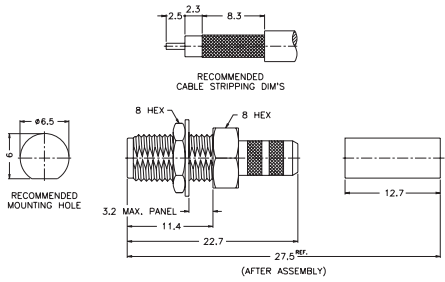
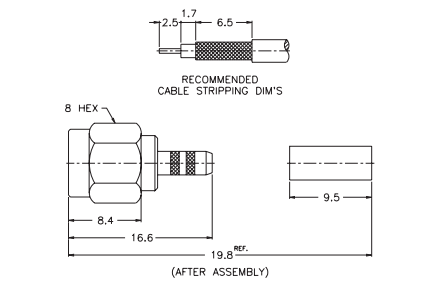
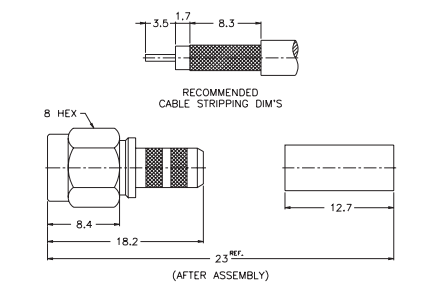
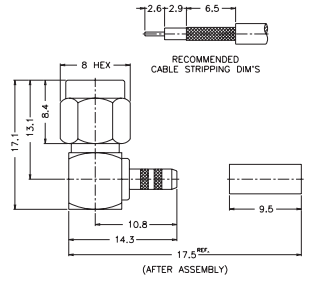
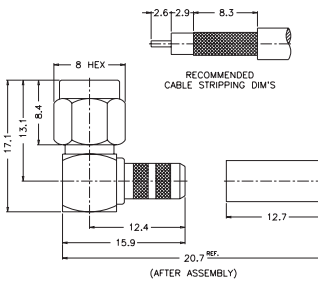
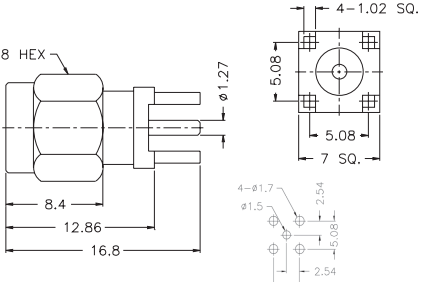
 <p style="text-align: center;">4-Hole Flange Panel Mount Plug SMA1551xxxxT50G50</p>	 <p style="text-align: center;">4-Hole Flange Panel Mount Jack SMA6551xxxxT50G50</p>	 <p style="text-align: center;">2-Hole Flange Panel Mount Plug SMA1551xxxxT50G50</p>			
Part Number:	Description:	Part Number:	Description:	Part Number:	Description:
9019960RFX	Solder-Pot - Gold	9019892RFX	Solder-Pot - Gold	9019961RFX	Solder-Pot - Gold
9019960XRFX	Solder-Pot - Nickel	9019892XRFX	Solder-Pot - Nickel	9019961XRFX	Solder-Pot - Nickel
9019962RFX	Exposed TFE Type - Gold	9019887RFX	Exposed TFE Type - Gold	9019963RFX	Exposed TFE Type - Gold
9019962XRFX	Exposed TFE Type - Nickel	9019887XRFX	Exposed TFE Type - Nickel	9019963XRFX	Exposed TFE Type - Nickel
9019964RFX	Blunt Post - Gold	9019966RFX	Blunt Post - Gold	9019965RFX	Blunt Post - Gold
9019964XRFX	Blunt Post - Nickel	9019966XRFX	Blunt Post - Nickel	9019965XRFX	Blunt Post - Nickel
9019968RFX	Slot Terminal - Gold	9019970RFX	Slot Terminal - Gold	9019969RFX	Slot Terminal - Gold
9019968XRFX	Slot Terminal - Nickel	9019970XRFX	Slot Terminal - Nickel	9019969XRFX	Slot Terminal - Nickel
9019972RFX	Half Round Terminal - Gold	9019974RFX	Half Round Terminal - Gold	9019973RFX	Half Round Terminal - Gold
9019972XRFX	Half Round Terminal - Nickel	9019974XRFX	Half Round Terminal - Nickel	9019973XRFX	Half Round Terminal - Nickel
9019976RFX	Flush with Flange - Gold	9019978RFX	Flush with Flange - Gold	9019977RFX	Flush with Flange - Gold
9019976XRFX	Flush with Flange - Nickel	9019978XRFX	Flush with Flange - Nickel	9019977XRFX	Flush with Flange - Nickel
9019980RFX	Tab Terminal - Gold	9019982RFX	Tab Terminal - Gold	9019981RFX	Tab Terminal - Gold
9019980XRFX	Tab Terminal - Nickel	9019982XRFX	Tab Terminal - Nickel	9019981XRFX	Tab Terminal - Nickel

ARFA/RF

Amphenol

RF Interconnects

SMA 901 Series 50 ohm continued

 <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>6.35 HEX</p> <p>7.2</p> <p>12.7</p> <p>ϕA</p> <p>ϕB</p> <p>Solder Straight Jack Termination Instruction B SMA6181A3GT50Gxxx50</p>		 <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>2.5</p> <p>2-$\phi 2.6$</p> <p>1.65</p> <p>9.53</p> <p>14.2</p> <p>6A</p> <p>6B</p> <p>6</p> <p>12.2</p> <p>$\phi 16$</p> <p>Solder 2-Hole Flange Straight Jack Termination Instruction B SMA6581B3GT50Gxxx50</p>		 <p>8 HEX</p> <p>17.1</p> <p>13.1</p> <p>8.4</p> <p>7.9</p> <p>11.4</p> <p>ϕA</p> <p>ϕB</p> <p>3</p> <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>Solder Right Angle Plug Termination Instruction D SMA1182A3GT50Gxxx50</p>	
Part Number:	Description:	Part Number:	Description:	Part Number:	Description:
9019943RFX	.085 S/R A: 2.2 B: 3.0 - Gold	9019949RFX	.085 S/R A: 2.2 B: 3.0 - Gold	9019951RFX	.085 S/R A: 2.2 B: 3.0 - Gold
9019944RFX	.141 S/R A: 3.6 B: 4.6 - Gold	9019950RFX	.141 S/R A: 3.6 B: 4.6 - Gold	9019952RFX	.141 S/R A: 3.6 B: 4.6 - Gold
 <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>2</p> <p>2.6</p> <p>5.2</p> <p>$\phi 0.6$</p> <p>$\phi 1.27$</p> <p>6.3</p> <p>1.7</p> <p>$\phi 2.3$</p> <p>6.4 REF.</p> <p>10.6</p> <p>15.6</p> <p>7</p> <p>$\phi 3$</p> <p>$\phi 3.8$</p> <p>Crimp/Crimp Non-Captive Contact Str. Jack Termination Instruction E SMA6111A4xT50Gxxx50</p>		 <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>2.5</p> <p>2.3</p> <p>5.2</p> <p>$\phi 1.27$</p> <p>$\phi 0.6$</p> <p>$\phi 1.6$</p> <p>10.8</p> <p>1.7</p> <p>$\phi 2.3$</p> <p>11.4</p> <p>19.8</p> <p>5</p> <p>7</p> <p>$\phi 3$</p> <p>$\phi 3.8$</p> <p>Crimp/Crimp Bulkhead Non-Captive Contact Str. Jack Termination Instruction E SMA6411A4xT50Gxxx50</p>		 <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>2.5</p> <p>1.7</p> <p>6.5</p> <p>6.4 REF.</p> <p>10.6</p> <p>15.6</p> <p>Crimp/Crimp Non-Captive Contact Str. Jack Termination Instruction E SMA6111A3xT50Gxxx50</p>	
Part Number:	Description:	Part Number:	Description:	Part Number:	Description:
9019954RFX	RG/U 174/188/316 - Nickel	9019879RFX	RG/U 174/188/316 - Nickel	9019953RFX	RG/U 58 - Nickel
90199541XRFX	RG/U 174/188/316 - Gold	90198791XRFX	RG/U 174/188/316 - Gold	90199531XRFX	RG/U 58 - Gold
 <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>2.5</p> <p>2.3</p> <p>8.3</p> <p>$\phi 6.5$</p> <p>8 HEX</p> <p>8 HEX</p> <p>3.2 MAX. PANEL</p> <p>11.4</p> <p>22.7</p> <p>27.5 REF. (AFTER ASSEMBLY)</p> <p>12.7</p> <p>Crimp/Crimp Bulkhead Non-Captive Contact Str. Jack Termination Instruction E SMA6411A1xT50Gxxx50</p>		 <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>2.5</p> <p>1.7</p> <p>6.5</p> <p>8 HEX</p> <p>8.4</p> <p>16.6</p> <p>19.8 REF. (AFTER ASSEMBLY)</p> <p>9.5</p> <p>Crimp/Crimp Captive Contact Str. Plug Termination Instruction E SMA1111A2xT50Gxxx50</p>		 <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>3.6</p> <p>1.7</p> <p>8.3</p> <p>8 HEX</p> <p>8.4</p> <p>18.2</p> <p>2.3 REF. (AFTER ASSEMBLY)</p> <p>12.7</p> <p>Crimp/Crimp Captive Contact Str. Plug Termination Instruction E SMA1111A1xT50Gxxx50</p>	
Part Number:	Description:	Part Number:	Description:	Part Number:	Description:
9019955RFX	RG/U 58 - Nickel	9019877RFX	RG/U 174/188/316 - Nickel	9019876RFX	RG/U 58 - Nickel
90199551XRFX	RG/U 58 - Gold	90198771XRFX	RG/U 174/188/316 - Gold	90198761XRFX	RG/U 58 - Gold
 <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>2.6</p> <p>2.9</p> <p>6.5</p> <p>8 HEX</p> <p>17.1</p> <p>13.1</p> <p>8.4</p> <p>10.8</p> <p>14.3</p> <p>17.5 REF. (AFTER ASSEMBLY)</p> <p>9.5</p> <p>Crimp/Crimp Right Angle Plug Termination Instruction E SMA1112A5xT50Gxxx50</p>		 <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>2.6</p> <p>2.9</p> <p>8.3</p> <p>8 HEX</p> <p>17.1</p> <p>13.1</p> <p>8.4</p> <p>12.4</p> <p>15.9</p> <p>20.7 REF. (AFTER ASSEMBLY)</p> <p>12.7</p> <p>Crimp/Crimp Right Angle Plug Termination Instruction E SMA1112A6xT50Gxxx50</p>		 <p>4-1.02 SQ.</p> <p>8 HEX</p> <p>5.08</p> <p>5.08</p> <p>7 SQ.</p> <p>4-1.7</p> <p>$\phi 1.5$</p> <p>2.54</p> <p>2.54</p> <p>5.08</p> <p>5.08</p> <p>1.27</p> <p>8.4</p> <p>12.86</p> <p>16.8</p> <p>Straight Plug for PCB SMA1251A1xT50G50</p>	
Part Number:	Description:	Part Number:	Description:	Part Number:	Description:
9019881RFX	RG/U 174/188/316 - Nickel	9019880RFX	RG/U 58 - Nickel	9019895RFX	Gold
90198811XRFX	RG/U 174/188/316 - Gold	90198801XRFX	RG/U 58 - Gold	9019895RFX	Nickel

ARFA/RF

SMA 901 Series 50 ohm continued

<p>Common Flange 2-ϕ2.6 12.2 ϕ1.6 6</p> <p>Solder-Pot ϕ0.95 ϕ1.27 1.65 9.53 14.6</p> <p>TFE 1.65 15 ϕ1.27 4.1</p> <p>Blunt Post 1.65 2.54 ϕ1.27</p> <p>Slot Terminal 1.65 2.54 ϕ1.27 SLOT WIDTH ϕ1.27</p> <p>Half Round 1.65 2.54 ϕ1.27 HALF-ROUND</p> <p>Flush 1.65 2.54 ϕ1.27 ACCEPTS PIN DIA. ϕ</p> <p>Tab 1.65 2.54 ϕ1.27 TAB 2.54 x 1.27 WIDE</p> <p>2-Hole Flange Panel Mount Jack SMA6551xxxxT50G50</p>	<p>8 HEX 5.5 ON FLATS 8.4 17</p> <p>Plug to Jack Adapter SMA5071A1xT50G50</p>	<p>8 HEX 5.5 ON FLATS 8.4 22.2 8.4</p> <p>Plug to Plug Adapter SMA2071A1xT50G50</p> <table border="1"> <tr> <th>Part Number:</th> <th>Description:</th> </tr> <tr> <td>9019984RFX</td> <td>Gold</td> </tr> <tr> <td>9019984XRFX</td> <td>Nickel</td> </tr> </table>	Part Number:	Description:	9019984RFX	Gold	9019984XRFX	Nickel																																										
Part Number:	Description:																																																	
9019984RFX	Gold																																																	
9019984XRFX	Nickel																																																	
<table border="1"> <tr> <th>Part Number:</th> <th>Description:</th> </tr> <tr> <td>9019893RFX</td> <td>Solder-Pot - Gold</td> </tr> <tr> <td>9019893XRFX</td> <td>Solder-Pot - Nickel</td> </tr> <tr> <td>9019891RFX</td> <td>Exposed TFE Type - Gold</td> </tr> <tr> <td>9019891XRFX</td> <td>Exposed TFE Type - Nickel</td> </tr> <tr> <td>9019967RFX</td> <td>Blunt Post - Gold</td> </tr> <tr> <td>9019967XRFX</td> <td>Blunt Post - Nickel</td> </tr> <tr> <td>9019971RFX</td> <td>Slot Terminal - Gold</td> </tr> <tr> <td>9019971XRFX</td> <td>Slot Terminal - Nickel</td> </tr> <tr> <td>9019975RFX</td> <td>Half Round Terminal - Gold</td> </tr> <tr> <td>9019975XRFX</td> <td>Half Round Terminal - Nickel</td> </tr> <tr> <td>9019979RFX</td> <td>Flush with Flange - Gold</td> </tr> <tr> <td>9019979XRFX</td> <td>Flush with Flange - Nickel</td> </tr> <tr> <td>9019983RFX</td> <td>Tab Terminal - Gold</td> </tr> <tr> <td>9019983XRFX</td> <td>Tab Terminal - Nickel</td> </tr> </table>	Part Number:	Description:	9019893RFX	Solder-Pot - Gold	9019893XRFX	Solder-Pot - Nickel	9019891RFX	Exposed TFE Type - Gold	9019891XRFX	Exposed TFE Type - Nickel	9019967RFX	Blunt Post - Gold	9019967XRFX	Blunt Post - Nickel	9019971RFX	Slot Terminal - Gold	9019971XRFX	Slot Terminal - Nickel	9019975RFX	Half Round Terminal - Gold	9019975XRFX	Half Round Terminal - Nickel	9019979RFX	Flush with Flange - Gold	9019979XRFX	Flush with Flange - Nickel	9019983RFX	Tab Terminal - Gold	9019983XRFX	Tab Terminal - Nickel	<p>8 HEX 17.1 13.1 8.4 11.6 15.1</p> <p>Plug to Jack Right Angle Adapter SMA5072A2xT50G50</p> <table border="1"> <tr> <th>Part Number:</th> <th>Description:</th> </tr> <tr> <td>9019987RFX</td> <td>Gold</td> </tr> <tr> <td>9019987XRFX</td> <td>Nickel</td> </tr> </table>	Part Number:	Description:	9019987RFX	Gold	9019987XRFX	Nickel	<p>5.5 ON FLATS 6 15</p> <p>Jack to Jack Adapter SMA7071A2xT50G50</p> <table border="1"> <tr> <th>Part Number:</th> <th>Description:</th> </tr> <tr> <td>9019985RFX</td> <td>Gold</td> </tr> <tr> <td>9019985XRFX</td> <td>Nickel</td> </tr> </table> <p>8 HEX 9.5 HEX 6.4 MAX. PANEL 14.6 16.3 22.1 ϕ6.5 RECOMMENDED MOUNTING HOLE</p> <p>Jack to Jack Bulkhead Adapter SMA7471B1xT50G50</p> <table border="1"> <tr> <th>Part Number:</th> <th>Description:</th> </tr> <tr> <td>9019986RFX</td> <td>Gold</td> </tr> <tr> <td>9019986XRFX</td> <td>Nickel</td> </tr> </table>	Part Number:	Description:	9019985RFX	Gold	9019985XRFX	Nickel	Part Number:	Description:	9019986RFX	Gold	9019986XRFX	Nickel
Part Number:	Description:																																																	
9019893RFX	Solder-Pot - Gold																																																	
9019893XRFX	Solder-Pot - Nickel																																																	
9019891RFX	Exposed TFE Type - Gold																																																	
9019891XRFX	Exposed TFE Type - Nickel																																																	
9019967RFX	Blunt Post - Gold																																																	
9019967XRFX	Blunt Post - Nickel																																																	
9019971RFX	Slot Terminal - Gold																																																	
9019971XRFX	Slot Terminal - Nickel																																																	
9019975RFX	Half Round Terminal - Gold																																																	
9019975XRFX	Half Round Terminal - Nickel																																																	
9019979RFX	Flush with Flange - Gold																																																	
9019979XRFX	Flush with Flange - Nickel																																																	
9019983RFX	Tab Terminal - Gold																																																	
9019983XRFX	Tab Terminal - Nickel																																																	
Part Number:	Description:																																																	
9019987RFX	Gold																																																	
9019987XRFX	Nickel																																																	
Part Number:	Description:																																																	
9019985RFX	Gold																																																	
9019985XRFX	Nickel																																																	
Part Number:	Description:																																																	
9019986RFX	Gold																																																	
9019986XRFX	Nickel																																																	

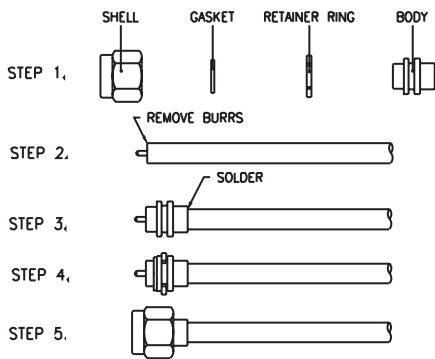
SMB/SMC 903 Series Quick Connect/Disconnect Snap-on Type

<p>Materials</p> <p>Body/Finish – Brass/Nickel or Gold</p> <p>Contact</p> <p>Centre MALE – Brass</p> <p>Centre FEMALE – Beryllium Copper</p> <p>Centre Finish – Gold 30μ"</p> <p>Insulator – PTFE</p> <p>Gasket – Silicone Rubber</p> <p>Crimp Ferrules – Copper alloy/Ni</p> <p>Gold = Au Nickel = Ni</p>	<p>Electrical</p> <p>Impedance</p> <p>Frequency range</p> <p>Working Voltage 50Hz</p> <p>Working Voltage DC</p> <p>Dielectric Withstand</p> <p>VSWR Straight</p> <p>Right Angle</p> <p>Resistance Inner</p> <p>Outer</p> <p>Insulator</p>	<p>SMB</p> <p>50 ohm</p> <p>0-4GHz</p> <p>335V max</p> <p>450V max</p> <p>1000V</p> <p>1.3 max</p> <p>1.5 max</p> <p>\leq6 Milliohms</p> <p>2.5Milliohms</p> <p>\geq1000Megaohms</p>	<p>SMC</p> <p>50 ohm</p> <p>0-10GHz</p> <p>335V max</p> <p>450V max</p> <p>1000V</p> <p>1.3 max</p> <p>1.5 max</p> <p>\leq6 Milliohms</p> <p>2.5Milliohms</p> <p>\geq1000Megaohms</p>	<p>Environmental</p> <p>Temp. range – -65°C thru 165°C</p> <p>Shock – Consult Rep</p> <p>Vibration – Consult Rep</p> <p>Corrosion – Consult Rep</p> <p>Durability</p> <p>500 cycles</p> <p>Tooling</p> <p>Hand Tools – Page W-1</p> <p>Termination – Page U-35-U-38</p>
---	--	---	--	--

<p>5.2 2.7 2 RECOMMENDED CABLE STRIPPING DIM'S</p> <p>7 16 16 (AFTER ASSEMBLY)</p> <p>6.35 HEX</p> <p>SMB SMC</p> <p>Crimp/Crimp Straight Plug Termination Instruction E SMB6121A1xT30Gxxx50/SMC6121A1xT30Gxxx50</p>	<p>6.5 1.9 2.6 RECOMMENDED CABLE STRIPPING DIM'S</p> <p>6.35 HEX 11.2 14.7 9.5 9.8 13.3 16.5 9.5 (AFTER ASSEMBLY)</p> <p>SMB SMC</p> <p>Crimp/Crimp Right Angle Plug Termination Instruction E SMB6112A1xT30Gxxx50/SMC6112A1xT30Gxxx50</p>	<p>2 2.7 5.2 RECOMMENDED CABLE STRIPPING DIM'S</p> <p>6 16 6.35 HEX 7 6.35 6.35 FORMING</p> <p>SMB CRIMP JACK</p> <p>Crimp/Crimp Straight Jack Termination Instruction E SMB1121A1xT30Gxxx50/SMC1121A1xT30Gxxx50</p>																														
<table border="1"> <tr> <th>Part Number:</th> <th>Description:</th> </tr> <tr> <td>903550P51SX</td> <td>SMB RG/U 174/188/316 - Ni</td> </tr> <tr> <td>903550P51S1X</td> <td>SMB RG/U 174/188/316 - Au</td> </tr> <tr> <td>903551P52SX</td> <td>SMC RG/U 174/188/316 - Ni</td> </tr> <tr> <td>903551P52S1X</td> <td>SMC RG/U 174/188/316 - Au</td> </tr> </table>	Part Number:	Description:	903550P51SX	SMB RG/U 174/188/316 - Ni	903550P51S1X	SMB RG/U 174/188/316 - Au	903551P52SX	SMC RG/U 174/188/316 - Ni	903551P52S1X	SMC RG/U 174/188/316 - Au	<table border="1"> <tr> <th>Part Number:</th> <th>Description:</th> </tr> <tr> <td>903556P51AX</td> <td>SMB RG/U 174/188/316 - Ni</td> </tr> <tr> <td>903556P51A1X</td> <td>SMB RG/U 174/188/316 - Au</td> </tr> <tr> <td>903557P52AX</td> <td>SMC RG/U 174/188/316 - Ni</td> </tr> <tr> <td>903557P52A1X</td> <td>SMC RG/U 174/188/316 - Au</td> </tr> </table>	Part Number:	Description:	903556P51AX	SMB RG/U 174/188/316 - Ni	903556P51A1X	SMB RG/U 174/188/316 - Au	903557P52AX	SMC RG/U 174/188/316 - Ni	903557P52A1X	SMC RG/U 174/188/316 - Au	<table border="1"> <tr> <th>Part Number:</th> <th>Description:</th> </tr> <tr> <td>903552J51SX</td> <td>SMB RG/U 174/188/316 - Ni</td> </tr> <tr> <td>903552J51S1X</td> <td>SMB RG/U 174/188/316 - Au</td> </tr> <tr> <td>903553J52SX</td> <td>SMC RG/U 174/188/316 - Ni</td> </tr> <tr> <td>903553J52S1X</td> <td>SMC RG/U 174/188/316 - Au</td> </tr> </table>	Part Number:	Description:	903552J51SX	SMB RG/U 174/188/316 - Ni	903552J51S1X	SMB RG/U 174/188/316 - Au	903553J52SX	SMC RG/U 174/188/316 - Ni	903553J52S1X	SMC RG/U 174/188/316 - Au
Part Number:	Description:																															
903550P51SX	SMB RG/U 174/188/316 - Ni																															
903550P51S1X	SMB RG/U 174/188/316 - Au																															
903551P52SX	SMC RG/U 174/188/316 - Ni																															
903551P52S1X	SMC RG/U 174/188/316 - Au																															
Part Number:	Description:																															
903556P51AX	SMB RG/U 174/188/316 - Ni																															
903556P51A1X	SMB RG/U 174/188/316 - Au																															
903557P52AX	SMC RG/U 174/188/316 - Ni																															
903557P52A1X	SMC RG/U 174/188/316 - Au																															
Part Number:	Description:																															
903552J51SX	SMB RG/U 174/188/316 - Ni																															
903552J51S1X	SMB RG/U 174/188/316 - Au																															
903553J52SX	SMC RG/U 174/188/316 - Ni																															
903553J52S1X	SMC RG/U 174/188/316 - Au																															

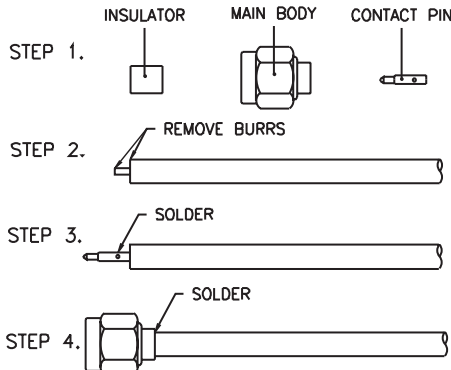
Termination Instructions

A Cable Solder (Semi-Rigid)



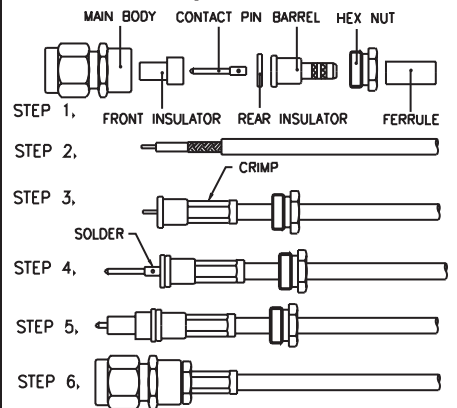
- STEP 1. All parts of the connector are shown.
- STEP 2. Strip the inner conductor, dielectric, and jacket per "RECOMMENDED CABLE STRIPPING DIM'S" in catalog.
- STEP 3. Solder the BODY to cable as shown. (Avoid excessive heat which may distort dielectric.)
- STEP 4. Place the RETAINER RING in the groove of BODY, and put the GASKET in the position as shown.
- STEP 5. Compress the BODY assembly and assemble the SHELL as shown.

B Cable Solder (Semi-Rigid)



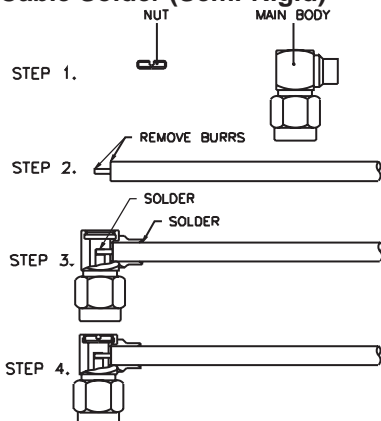
- STEP 1. All parts of the connector are shown.
- STEP 2. Strip the inner conductor, dielectric, and jacket per "RECOMMENDED CABLE STRIPPING DIM'S" in catalog.
- STEP 3. Insert inner conductor into the CONTACT PIN and solder it as shown.
- STEP 4. Solder the MAIN BODY to cable as shown (avoid excessive heat which may distort dielectric). Then press the INSULATOR into the MAIN BODY until it stops.

C Cable Crimp



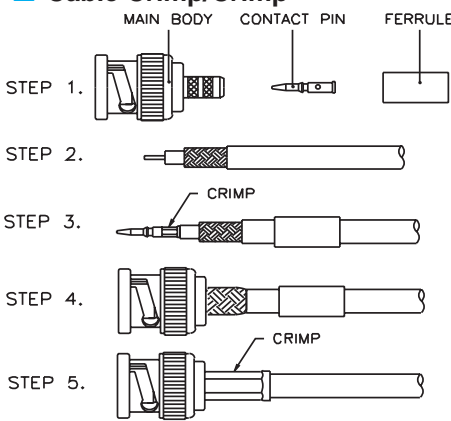
- STEP 1. All parts of the connector are shown.
- STEP 2. Strip the cable inner conductor, dielectric, braid, and jacket per "RECOMMENDED CABLE STRIPPING DIM'S" in catalog.
- STEP 3. Slide the HEX NUT and FERRULE onto cable. Then insert the BARREL into braid and dielectric, and slide the FERRULE over braid and crimp it as shown.
- STEP 4. Slide the REAR INSULATOR against the BARREL. Then insert inner conductor into the CONTACT PIN and solder it as shown.
- STEP 5. Slide the FRONT INSULATOR against the REAR INSULATOR.
- STEP 6. Insert cable and parts into the MAIN BODY, then screw the HEX NUT until it is tight.

D Cable Solder (Semi-Rigid)



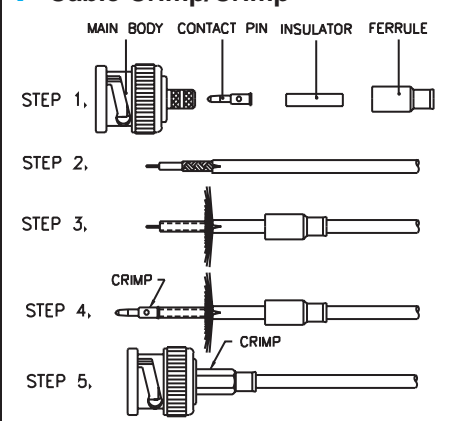
- STEP 1. All parts of the connector are shown.
- STEP 2. Strip the inner conductor, dielectric, and jacket per "RECOMMENDED CABLE STRIPPING DIM'S" in catalog.
- STEP 3. Solder inner conductor to the contact pin of MAIN BODY, and solder cable jacket to the MAIN BODY as shown.
- STEP 4. Screw the NUT into the MAIN BODY until it stops.

E Cable Crimp/Crimp



- STEP 1. All parts of the connector are shown. A crimp tool is necessary to complete the termination.
- STEP 2. Strip the cable inner conductor, dielectric, braid, and jacket per "RECOMMENDED CABLE STRIPPING DIM'S" in catalog.
- STEP 3. Insert inner conductor into the CONTACT PIN and crimp it with the crimp tool as shown. Then slide the FERRULE onto cable.
- STEP 4. Insert the MAIN BODY into braid and dielectric.
- STEP 5. Slide the FERRULE over braid and crimp it with the crimp tool as shown.

F Cable Crimp/Crimp



- STEP 1. All parts of the connector are shown. A crimp tool is necessary to complete.
- STEP 2. Strip the cable inner conductor, dielectric, braid, and jacket per "RECOMMENDED DIM'S" in catalog.
- STEP 3. Insert inner conductor into the CONTACT PIN and crimp it with the crimp tool the FERRULE onto cable.
- STEP 4. Insert the MAIN BODY into braid and dielectric.
- STEP 5. Slide the FERRULE over braid and crimp it with the crimp tool as shown.