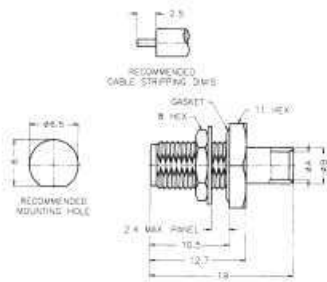


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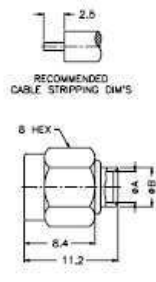
SMA 901 Series 50 Ohm

Materials	Electrical	Environmental
Body/Metal parts – Brass*	Impedance – 50 ohm	Temp. range – -65°C thru 165°C
Finishes – Nickel or Gold	Frequency range	Shock – Consult Representative
<u>Contact Material/Finish</u>	Semi Rigid cable – 0-18 GHz	Vibration – Consult Representative
Centre MALE – Brass/Gold	Flexible cable – 0-12.4 GHz	Corrosion – Consult Representative
Centre FEMALE – Beryllium Copper/Gold	Voltage – up to 335 VRMS	Moisture – Consult Representative
Insulator – Teflon	Dielectric withstand – up to 1000 VRMS	Altitude – Consult Representative
Crimp Ferrules – Copper alloy	VSWR Straight – 1.3	
Gasket – Silicone Rubber	R/A – 1.5	
Durability	Resistance Centre – 6 Milliohms max	Related Information
250 cycles	Outer – 2 Milliohms max	Cable – Section D
	Insulator – 5000 Megaohms min	Hand Tools – Section F
		Termination Instr. – Section G
		Terminology – Section J



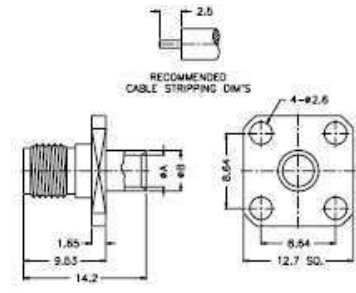
Solder Bulkhead Straight Jack
Termination Instruction **B**

SMA6481Ax3GT50Gxxx50



Solder Straight Plug with Contact
Termination Instruction **B**

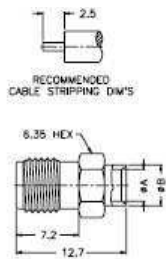
SMA1181Ax3GT50Gxxx50



Solder 4-Hole Flange Straight Jack
Termination Instruction **B**

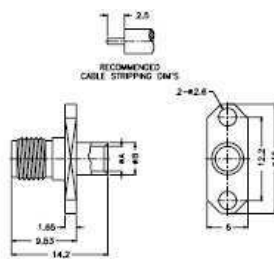
SMA6581Ax3GT50G08550

Part Number:	Description:	Part Number:	Description:	Part Number:	Description:
9019945RFX	.085 S/R A: 2.2 B: 3.0 - Gold	9019867RFX	.085 S/R A: 2.2 B: 3.0 - Gold	9019947RFX	.085 S/R A: 2.2 B: 3.0 - Gold
9019946RFX	.141 S/R A: 3.6 B: 4.6 - Gold	9019868RFX	.141 S/R A: 3.6 B: 4.6 - Gold	9019948RFX	.141 S/R A: 3.6 B: 4.6 - Gold



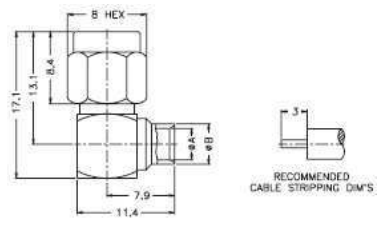
Solder Straight Jack
Termination Instruction **B**

SMA6181Ax3GT50Gxxx50



Solder 2-Hole Flange Straight Jack
Termination Instruction **B**

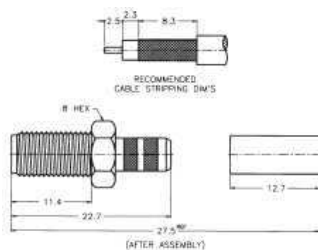
SMA6581Bx3GT50Gxxx50



Solder Right Angle Plug
Termination Instruction **D**

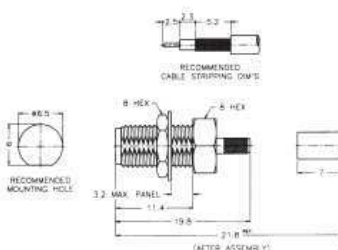
SMA1182Ax3GT50Gxxx50

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



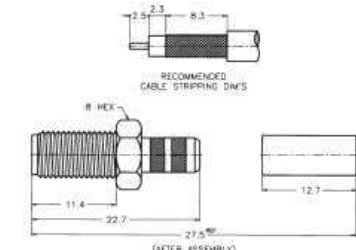
Crimp/Crimp Non-Captive Contact Str. Jack
Termination Instruction **E**

SMA6111A4xT50Gxxx50



Crimp/Crimp Bulkhead Non-Captive Contact Str. Jack
Termination Instruction **E**

SMA6411A4xT50Gxxx50



Crimp/Crimp Non-Captive Contact Str. Jack
Termination Instruction **E**

SMA6111A3xT50Gxxx50

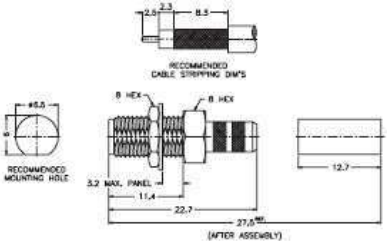
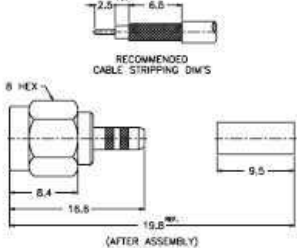
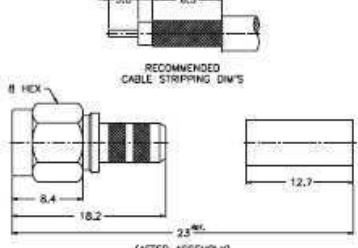
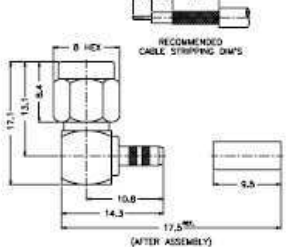
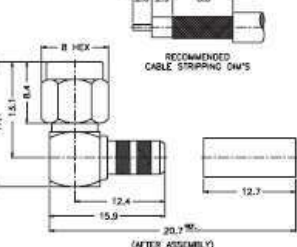
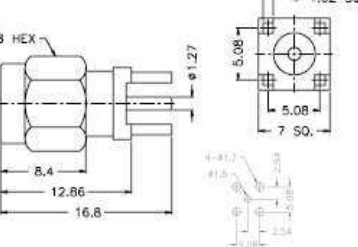
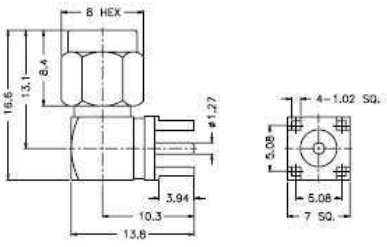
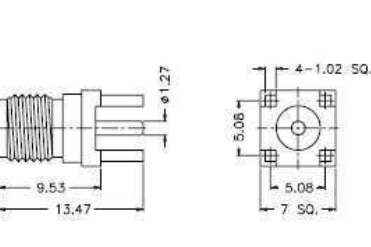
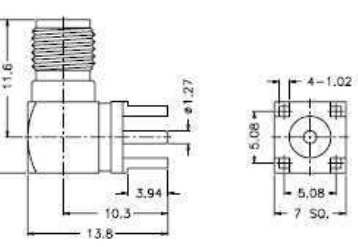
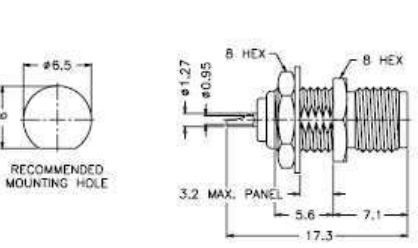
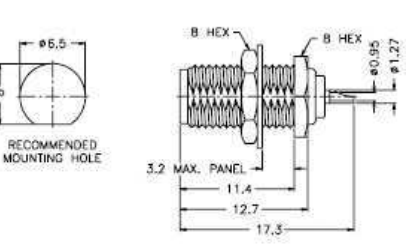
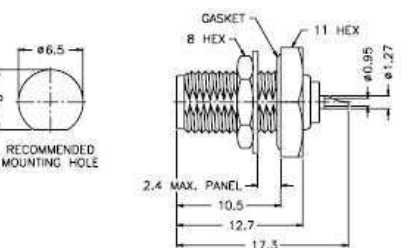
Part Number:	Description:	Part Number:	Description:	Part Number:	Description:
9019954RFX	RG/U 174/188/316 - Nickel	9019879RFX	RG/U 174/188/316 - Nickel	9019953RFX	RG/U 58 - Nickel
90199541XRFX	RG/U 174/188/316 - Gold	90198791XRFX	RG/U 174/188/316 - Gold	90199531XRFX	RG/U 58 - Gold

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SMA 901 Series 50 Ohm – Continued

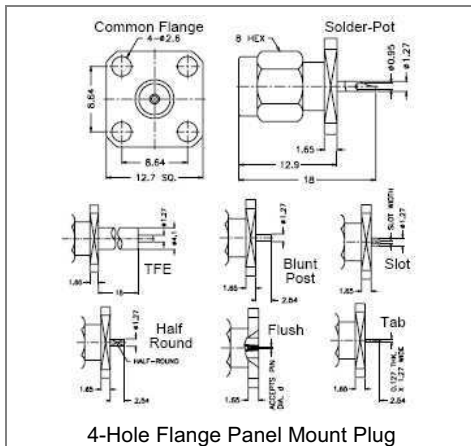
 Crimp/Crimp Bulkhead Non-Captive Contact Str. Jack Termination Instruction E SMA6411A1xT50Gxxx50	 Crimp/Crimp Captive Contact Str. Plug Termination Instruction E SMA1111A2xT50Gxxx50	 Crimp/Crimp Captive Contact Str. Plug Termination Instruction E SMA1111A1xT50Gxxx50
Part Number: Description: 9019955RFX RG/U 58 - Nickel 90199551XRFX RG/U 58 - Gold	Part Number: Description: 9019877RFX RG/U 174/188/316 - Nickel 90198771XRFX RG/U 174/188/316 - Gold	Part Number: Description: 9019876RFX RG/U 58 - Nickel 90198761XRFX RG/U 58 - Gold
 Crimp/Crimp Right Angle Plug Termination Instruction E SMA1112A5xT50Gxxx50	 Crimp/Crimp Right Angle Plug Termination Instruction E SMA1112A6xT50Gxxx50	 Straight Plug for PCB SMA1251A1xT50G50
Part Number: Description: 9019881RFX RG/U 174/188/316 - Nickel 90198811XRFX RG/U 174/188/316 - Gold	Part Number: Description: 9019880RFX RG/U 58 - Nickel 90198801XRFX RG/U 58 - Gold	Part Number: Description: 9019895RFX Gold 9019895XRFX Nickel
 Right Angle Plug for PCB SMA1252A2xT50G50	 Straight Jack for PCB SMA6251A1xT50G50	 Right Angle Jack for PCB SMA6252A2xT50G50
Part Number: Description: 9019894RFX Gold 9019894XRFX Nickel	Part Number: Description: 9011448RFX Gold 9011448XRFX Nickel	Part Number: Description: 9011436RFX Gold 9011436XRFX Nickel
 Solder-Pot Bulkhead Jack – Front Mount SMA6351B1xT50G50	 Solder-Pot Bulkhead Jack – Rear Mount SMA6451B1xT50G50	 Solder-Pot Bulkhead Jack – Rear Mount SMA6451A1xT50G50
Part Number: Description: 9019889RFX Gold 9019889XRFX Nickel	Part Number: Description: 9019890RFX Gold 9019890XRFX Nickel	Part Number: Description: 9019959RFX Gold 9019959XRFX Nickel

ARFA/RF

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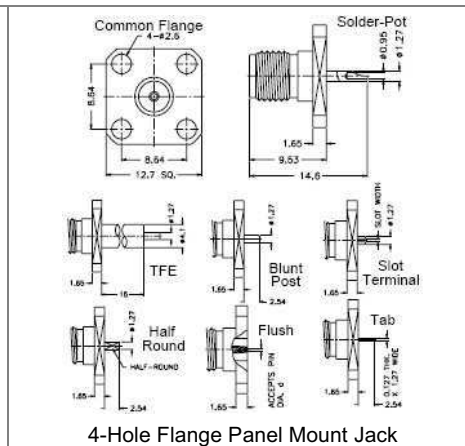
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SMA 901 Series 50 Ohm – Continued



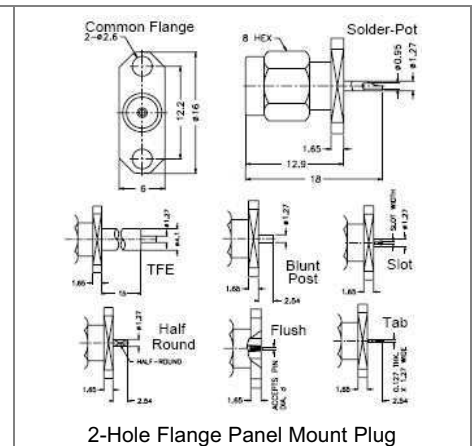
4-Hole Flange Panel Mount Plug

SMA1551xxxxT50G50



4-Hole Flange Panel Mount Jack

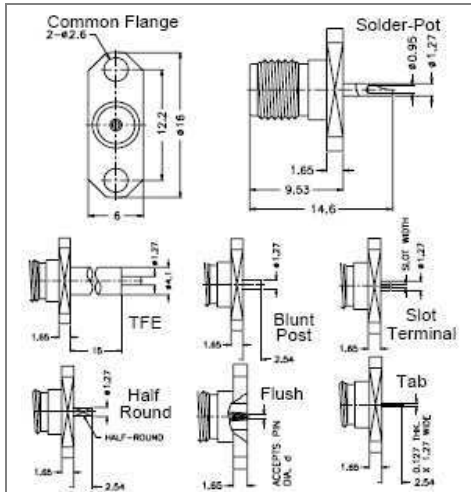
SMA6551xxxxT50G50



2-Hole Flange Panel Mount Plug

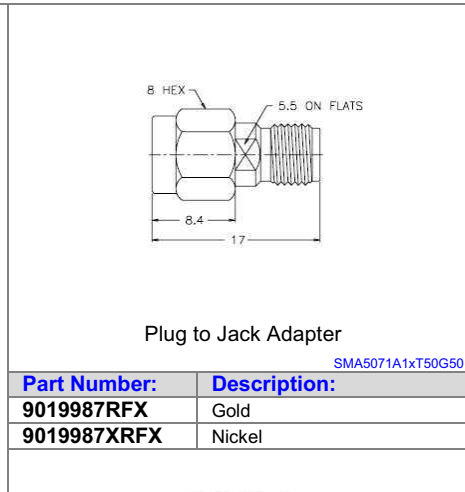
SMA1551xxxxT50G50

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



2-Hole Flange Panel Mount Jack

SMA6551xxxxT50G50



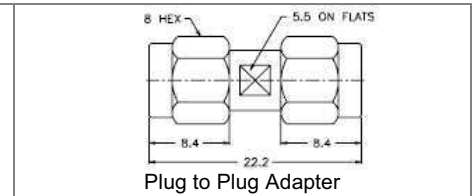
Plug to Jack Adapter

SMA5071A1xT50G50

Part Number:	Description:
9019987RFX	Gold
9019987XRFX	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

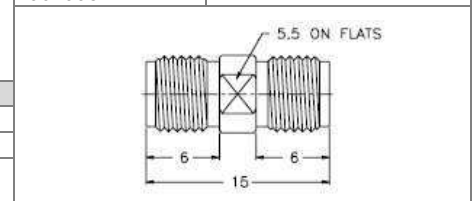
Part Number:	Description:
9019988RFX	Gold
9019988XRFX	Nickel



Plug to Plug Adapter

SMA2071A1xT50G50

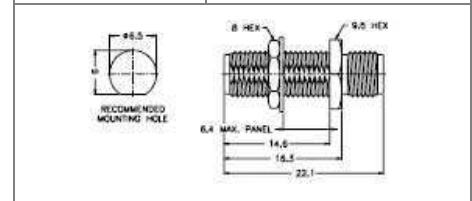
Part Number:	Description:
9019984RFX	Gold
9019984XRFX	Nickel



Jack to Jack Adapter

SMA7071A2xT50G50

Part Number:	Description:
9019985RFX	Gold
9019985XRFX	Nickel



Jack to Jack Bulkhead Adapter

SMA7471B1xT50G50

Part Number:	Description:
9019986RFX	Gold
9019986XRFX	Nickel