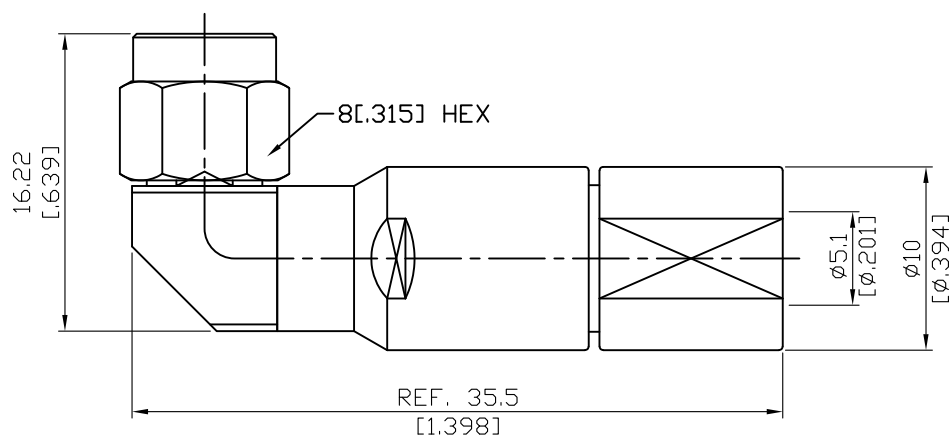


SMA6200S-M5005

SMA Reverse Polarity Plug Solder Clamp
For 5005, LL142; 18GHz VSWR 1.3*

50Ω



Note:

1. Precision connector up to 18GHz
2. Solder clamp design ensures a sturdy connector/cable connection
3. Manufacturing low loss high frequency RF assemblies requires expertise.

*Using 5005

Parts	Material	Plating (Micro-inch)
Coupling Nut	Stainless Steel	Passivated
Body	Stainless Steel	Passivated
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Solder Ferrule	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicone	
Clamp Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Solder Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Suitable Cables: 5005; LL142

This part number complies with RoHS.

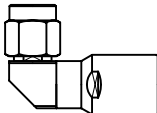
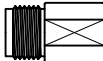
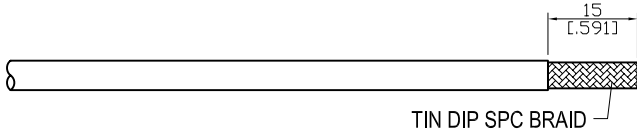
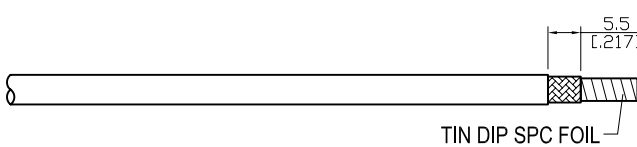
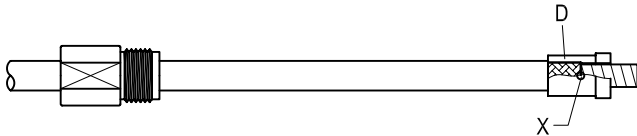
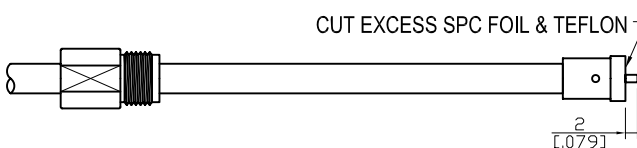
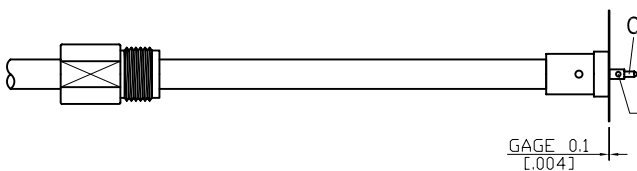
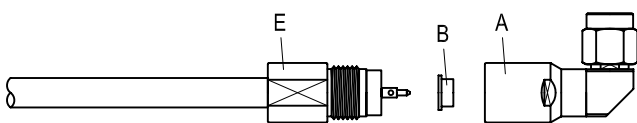
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA6200S-M5005																		
Interface Per JYEBAO SMA Reverse Polarity derived from MIL-STD-348B																			
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JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

SMA6200S-M5005		DATE	2020/05/07	REV	—
A	B	C	D	E	
					
BODY	FERRULE	CONTACT PIN	SOLDER FERRULE	CLAMP NUT	
DIAGRAM			ASSEMBLY INSTRUCTION		
 TIN DIP SPC BRAID			Step 1: STRIP AS SHOWN AND TIN DIP SPC BRAID.		
 TIN DIP SPC FOIL			Step 2: STRIP AS SHOWN AND TIN DIP SPC FOIL.		
 D X			Step 3: SLIDE NUT " E " AND SOLDER FERRULE " D " OVER THE CABLE. Step 4: SOLDER IN " X ".		
 CUT EXCESS SPC FOIL & TEFLON 2 [.079]			Step 5: CUT AWAY ANY EXCESS SPC FOIL AND TEFLON STICKING OUT OF THE SOLDER FERRULE. Step 6: CUT CENTER CONDUCTOR TO LENGTH.		
 C Y GAGE 0.1 [.004]			Step 7: PUT 0.1 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " C " AND SOLDER IN " Y ".		
 E B A			Step 8: SLIDE FERRULE " B " INTO CONNECTOR BODY " A ". Step 9: FINALLY SCREW NUT " E " ON THE CONNECTOR BODY " A ".		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	