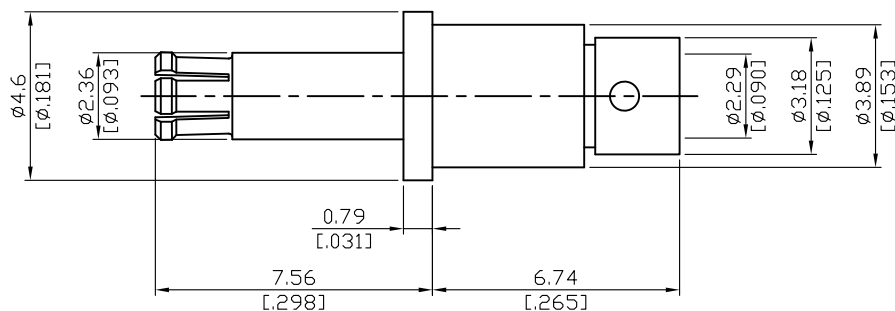


SMPM8300S-0405

SMPM Jack For RG405
Fitting M38999 Size 12 Insert; 18GHz VSWR 1.2* 50Ω



*Using 5002

Parts	Material	Plating (Micro-inch)
Barrel	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Suitable Cables: SS405; 5002; T-Flex405; Multibend405; Semi-rigid.085; Multiflex86;
Formable .085; RG405

This part number complies with RoHS.

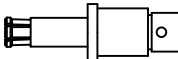
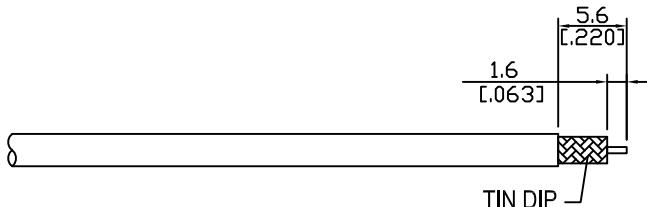
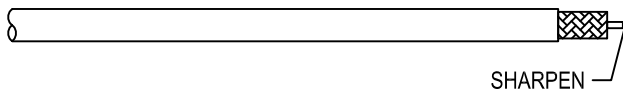
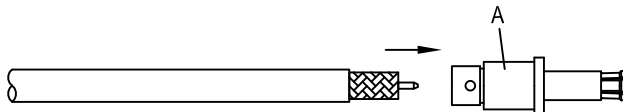
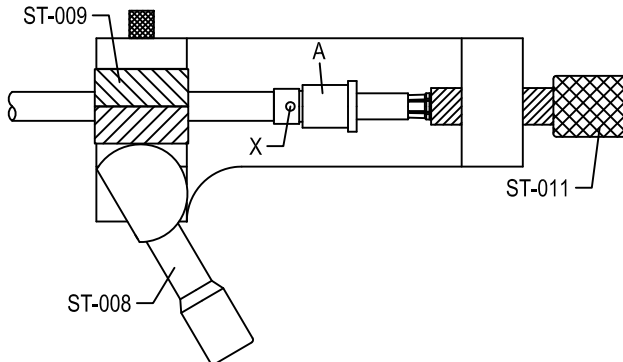
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMPM		SMPM8300S-0405		
Interface				
MIL STD-348B				
Electrical Data				
Impedance	50Ω			
Frequency range	DC to 18GHz			
VSWR	≤ 1.2 (18GHz)			
Insertion loss	≤ 0.1 x√f(GHz) dB			
Insulation resistance	≥ 5000 MΩ			
Contact resistance inner conductor	≤ 6mΩ			
Contact resistance outer conductor	≤ 2mΩ			
Dielectric withstanding voltage (at sea level)	325			
Mechanical Data				
	Full Detent	Smooth bore		
Engagement force	3.5 typical	1.5 typical	lbs	
Disengagement force	5 typical	1.5 typical	lbs	
Durability (mating)	≥ 100	≥ 1000		
Contact pin captivation	≥ 1.5lbs			
Environmental Data				
Temperature range	-65°C to +165°C			
Thermal shock	MIL-STD-202, Method 107, Condition B			
Moisture resistance	MIL-STD-202, Method 106			
Corrosion	MIL-STD-202, Method 101, Condition B			
RoHS	Compliant			
Tooling				
Soldering fixture	ST-008			
Insert for 0.85inch semi-rigid cable	ST-009			
Locator tool	ST-011			

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

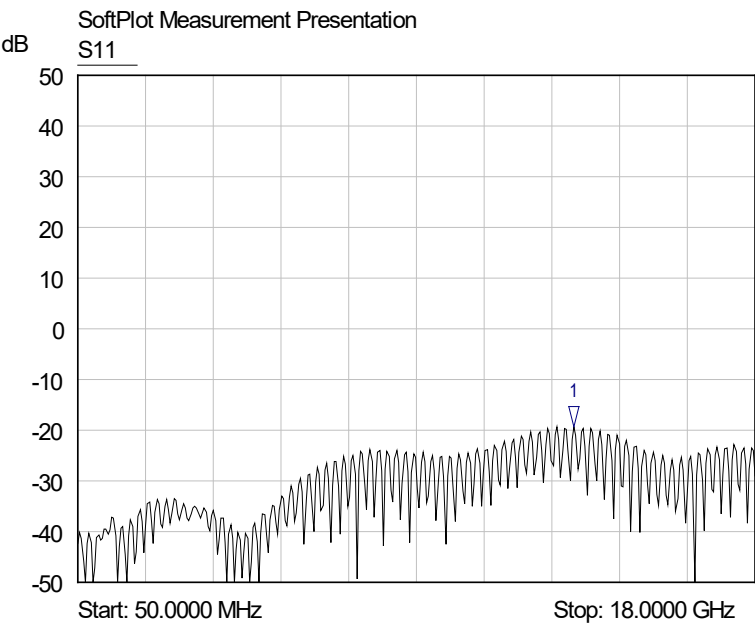
JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMPM8300S-0405		DATE	2018/10/05	REV	—
A  BODY					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN. Step 2: TIN DIP.		
			Step 3: SHARPEN CENTER CONDUCTOR TIP.		
			Step 4: SLIDE CABLE INTO CONNECTOR BODY " A ".		
			Step 5: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMPM8300S-0405

S11



1 S11
13.2000 GHz
-19.36 dB