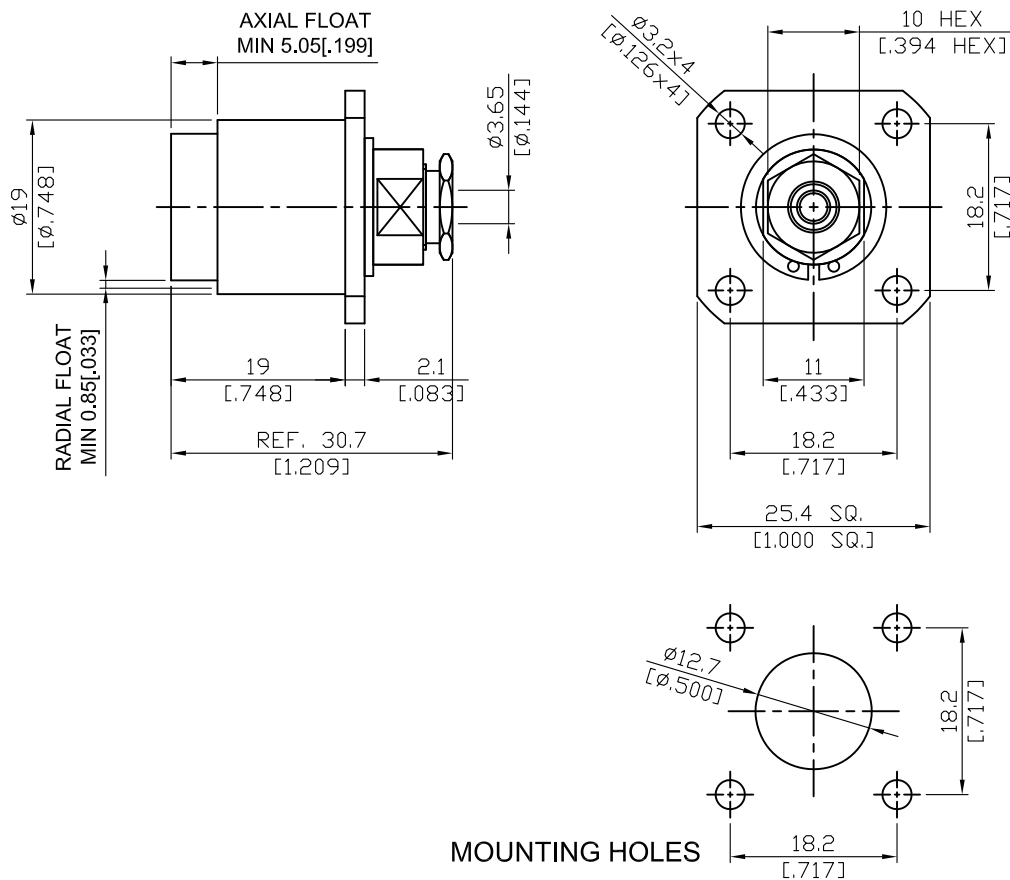


SC8346QM-0141

Snap on SC jack solder clamp 4 hole flange
For RG402; 3GHz VSWR 1.2

50Ω



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

Suitable Cables: Semi-rigid .141, Conformable .141

This part number complies with RoHS.

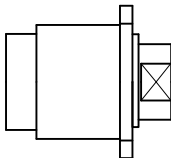
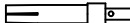
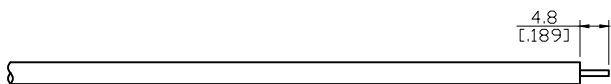
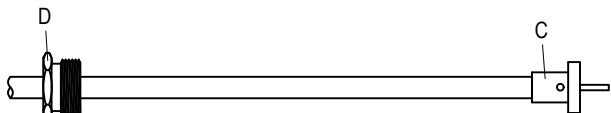
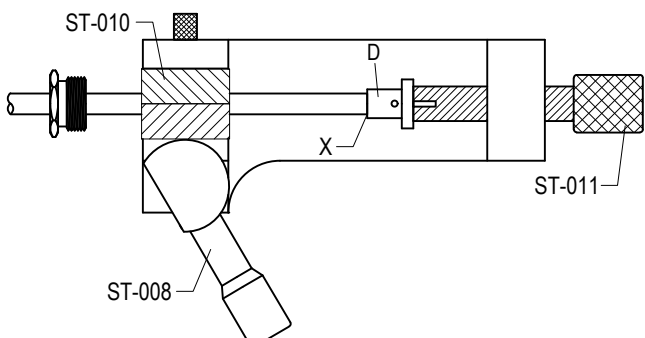
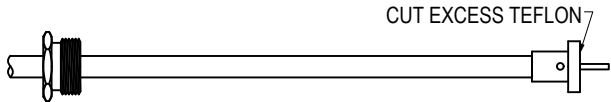
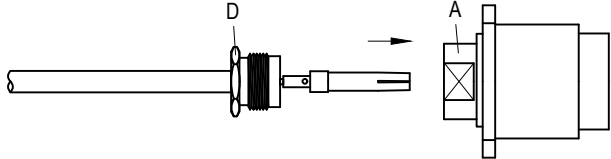
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SC	SC8346QM-0141
Interface Per JYEBAO Snap On SC Jack	
Electrical Data Impedance Frequency range VSWR Insertion loss Insulation resistance Contact resistance inner conductor Contact resistance outer conductor Dielectric withstanding voltage (at sea level) Working Voltage (at sea level) 50Ω DC to 3GHz ≤ 1.2 (DC to 3GHz) $\leq 0.06 \times \sqrt{f(\text{GHz})}$ dB $\geq 5000\text{M}\Omega$ $\leq 1.5\text{m}\Omega$ $\leq 1.5\text{m}\Omega$ 3000 V rms 1000 V rms	
Mechanical Data Recommended coupling nut torque Coupling proof torque Durability (mating) Not applicable Not applicable ≥ 500	
Environmental Data Temperature range Thermal shock Moisture resistance Corrosion RoHS -65°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 106 MIL-STD-202, Method 101, Condition B Compliant	
Tooling Soldering gauge Locator tool Soldering fixture Insert for .141 semi-rigid cable ST-0.5 ST-011 ST-008 ST-010	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

SC8346QM-0141		DATE	2017/04/25	REV	—
A	B	C	D		
					
BODY	CONTACT PIN	SOLDER FERRULE	CLAMP NUT		
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: SLIDE NUT " D " AND SOLDER FERRULE " C " OVER THE CABLE.			
		Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-010 " AND LOCATOR TOOL " ST-011 " TO FIX THE SOLDER FERRULE SOLDER IN " X ".			
		Step 4: CUT AWAY ANY EXCESS TEFLON STICKING OUT OF THE SOLDER FERRULE.			
		Step 5: PUT 0.5 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".			
		Step 6: FINALLY SCREW NUT " D " 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	

SC8346QM-0141

S11

