

SMA3362Q-0141/W		Snap On SMA Plug 2 Hole Flange For RG402 18GHz VSWR 1.2	50Ω
The technical drawing illustrates the dimensions of the SMA3362Q-0141/W connector. It includes three views: a front view, a side view, and a mounting hole detail. Front View Dimensions: - Overall height: $\phi 19.1$ [0.752] - Distance from top edge to center of mounting holes: 14.2 [.559] - Distance between centers of mounting holes: 9.5 [.374] - Mounting hole diameter: $\phi 2.6 \times 2$ [$\phi .102 \times 2$] Side View Dimensions: - Reference plane (REF. PLANE) at the base of the main body. - Radial float: MIN 0.5 [.020] - Distance from REF. PLANE to the start of the flange: 2.95 [.116] - Flange thickness: 3.05 [.120] - Distance from end of flange to center of mounting holes: 1.7 [.067] - Total length: 18 [.709] - Inner diameter of the main body: $\phi 9.5$ [$\phi .374$] - Outer diameter of the flange: $\phi 3.7$ [$\phi .146$] - Distance from end of flange to outer edge of mounting holes: 4.6 [$\phi .181$] MOUNTING HOLE Detail: - Mounting hole diameter: $\phi 2.6 \times 2$ [$\phi .102 \times 2$] - Distance from center of mounting holes to the vertical centerline: 14.2 [.559] - Inner diameter of the mounting hole: $\phi 9.55$ [$\phi .376$]			
Parts	Material	Plating (Micro-inch)	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	
Insulator	Teflon		
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Spring	Stainless Steel	Passivated	
C-Ring	Stainless Steel	Passivated	
Suitable Cables: Semi-rigid .141			

This part number complies with RoHS.

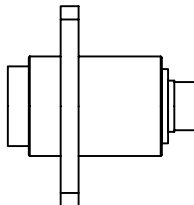
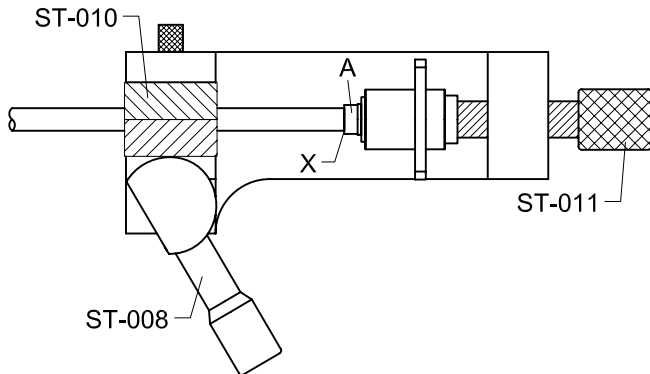
Notice: JYBAO reserves the right to make modifications deemed appropriate.

SMA	SMA3362Q-0141/W
Interface Per JYEBAO Snap On SMA Plug Mechanically compatible with 2.92 & 3.5	
Electrical Data Impedance 50Ω Frequency range DC to 18GHz VSWR ≤ 1.2 (DC to 18GHz) Insertion loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 3\text{m}\Omega$ Contact resistance outer conductor $\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 1500 V rms Working voltage (at sea level) 500 V rms	
Mechanical Data Recommended coupling nut torque Not applicable Coupling proof torque Not applicable Contact Captivation-axial ≥ 6.1 lbs Durability (mating) ≥ 500	
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 gauge ST-0.2 Locator tool ST-011 Soldering fixture ST-008 Insert for .141inch semi-rigid cable ST-010	

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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMA3362Q-0141/W		DATE	2016/01/15	REV	—
A  BODY		B  CONTACT PIN			
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: PUT 0.2 MM GAGE ST-0.2 IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".			
		Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-010 " 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	

SMA3362Q-0141/W

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