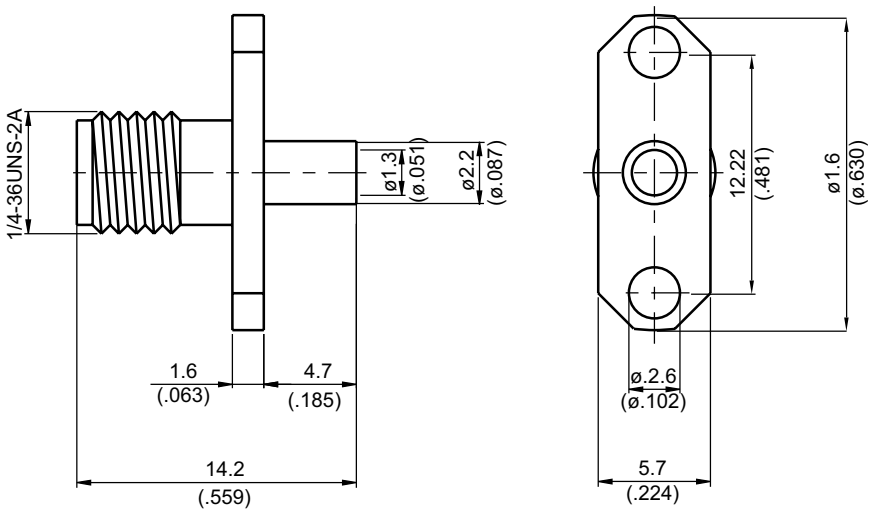
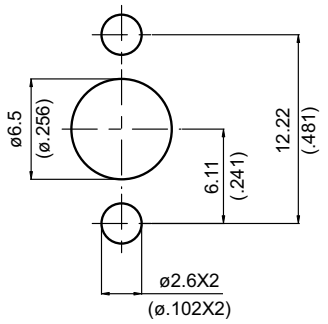
勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
http://www.100y.com.tw

SMA8326-0047	**SMA Jack Solder Φ16mm 2 Hole Flange For .047semi-rigid; 27GHz VSWR 1.3**	**50Ω**



MOUNTING HOLE :



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

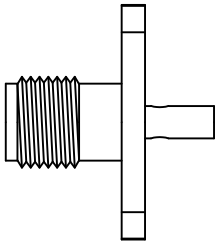
Weight: 1.82 g
Suitable Cables: Semi-rigid.047

SMA	SMA8326-0047
Interface	
MIL-STD-348B	
Mechanically compatible with	2.92 & 3.5
Electrical Data	
Impedance	50Ω
Frequency range	DC to 27GHz
VSWR	≦1.3 (DC to 27GHz)
Insertion loss	≦0.04 x $\sqrt{f(GHz)}$ dB
Insulation resistance	≧5000MΩ
Contact resistance inner conductor	≦3mΩ
Contact resistance outer conductor	≦2mΩ
Dielectric withstanding voltage (at sea level)	1000 V rms
Working voltage (at sea level)	335 V rms
Mechanical Data	
Recommended coupling nut torque	4 inch lbs
Coupling proof torque	5.3 inch lbs
Contact Captivation-axial	≧6.1 lbs
Durability (mating)	≧100
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-0.4
Locator tool	ST-011
Dielectric insertion tool	ST-004
Soldering fixture	ST-008
Insert for .047semi rigid cable	ST-047

CABLE ASSEMBLY RECOMMENDATION

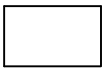
SMA8326-0047	DATE	2014/04/29	REV	—

A



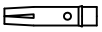
BODY

B

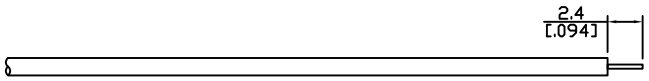
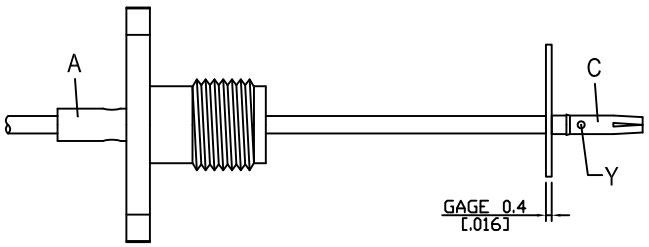
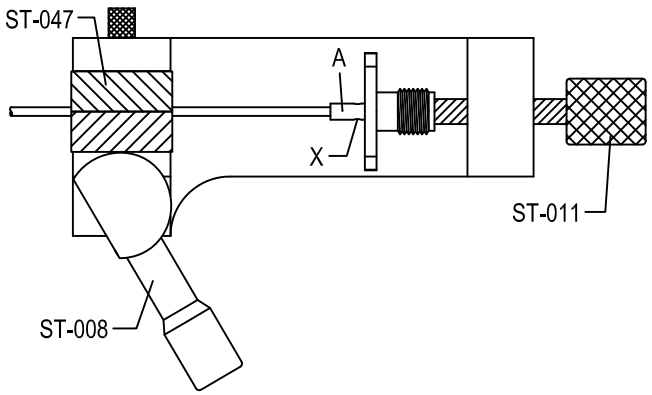
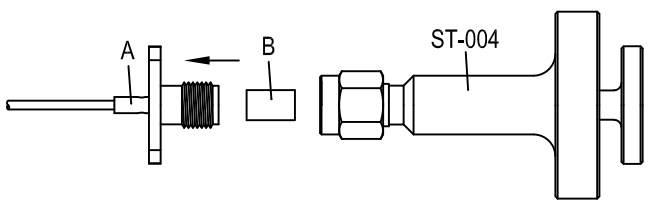


INSULATOR

C

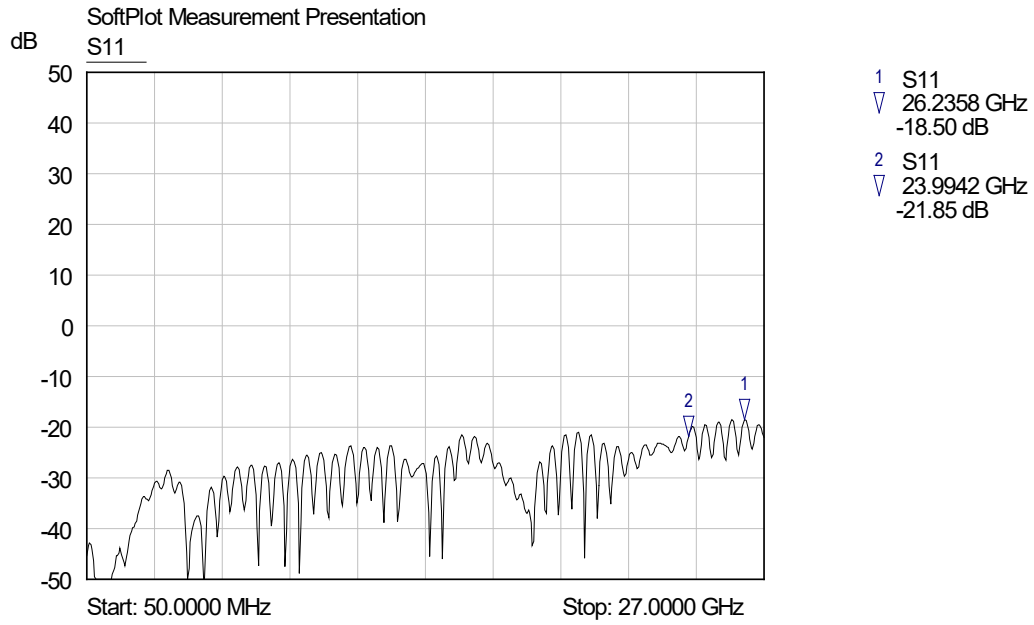


CONTACT PIN

DIAGRAM	ASSEMBLY INSTRUCTION
	Step 1: STRIP AS SHOWN.
	Step 2: SLIDE CONNECTOR BODY " A " OVER CABLE. Step 3: PUT 0.4MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " C " AND SOLDER IN " Y ".
	Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-047 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".
	Step 4: USE DIELECTRIC INSERTION TOOL " ST-004 " TO INSERT THE INSULATOR " B ".

SMA8326-0047

S11



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