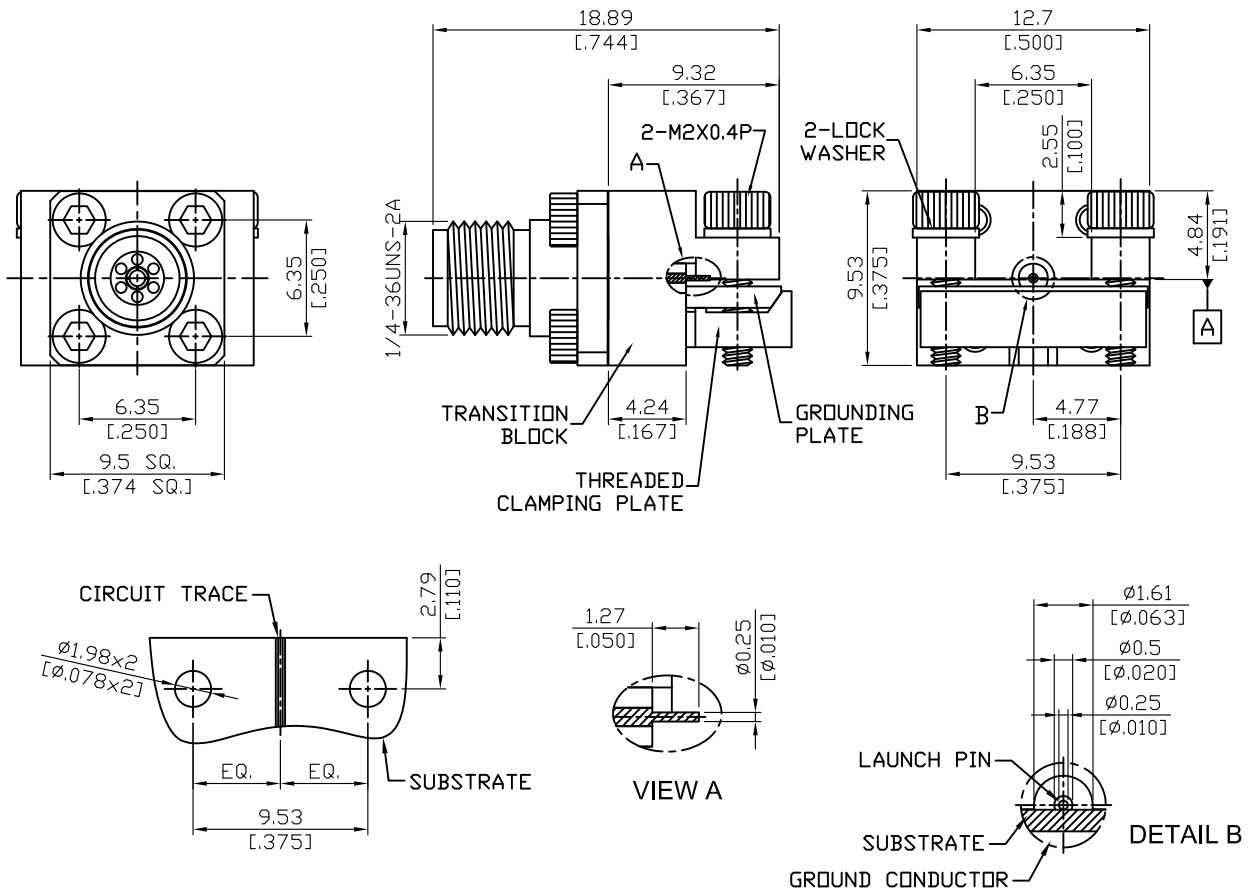


# SMA84LP-10/20

SMA Jack Low Profile 2 Hole End Launch  
 With  $\phi 0.25\text{mm}$  (0.010inch) Launch Pin; 27GHz VSWR 1.35 50 $\Omega$



NOTE: LOW VSWR ; DIRECT MATCH TO SOUTHWEST MICROWAVE P/N 292-04A-6

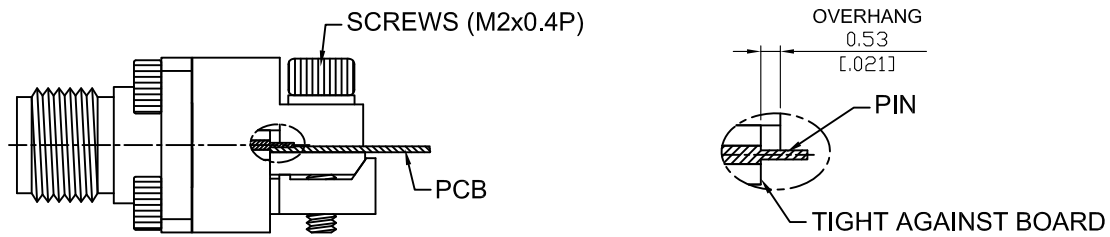
Parts	Material	Plating ( Micro-inch )
Washer	Stainless Steel	Passivated
Screw	Stainless Steel	Passivated
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Clamping Plate	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Grounding Plate	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Transition Block	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Body	Stainless Steel	Passivated

SMA84LP-10/20

SMA Jack Low Profile 2 Hole End Launch  
With  $\phi 0.25\text{mm}$  (0.010inch) Launch Pin; 27GHz VSWR 1.35 50 $\Omega$

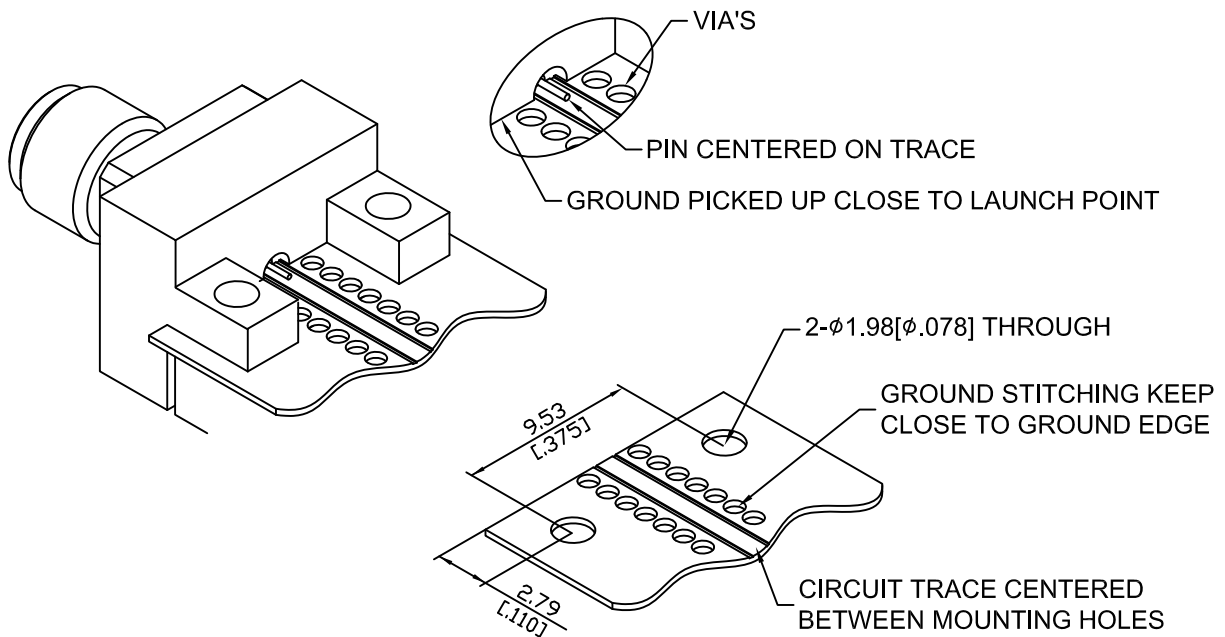
OPTION 1: SOLDERLESS ASSEMBLY (STEPS 1 THROUGH 4)

- Step 1: MOUNT END LAUNCH ASSEMBLY ON BOARD IN DESIRED POSITION.
- Step 2: MAKE SURE LAUNCH PIN IS CENTERED ON TRACE.
- Step 3: INSURE LAUNCH ADAPTER IS TIGHT AGAINST EDGE OF BOARD.
- Step 4: TIGHTEN M2X0.4P MOUNTING SCREWS UNTIL SECURED.



OPTION 2: SOLDER ASSEMBLY (STEPS 1 THROUGH 7)

- Step 5: SOLDER LAUNCH PIN TO TRACE.  
(NOTE: BE SURE SOLDER FLOWS ENTIRE LENGTH OF LAUNCH PIN / TRACE CONTACT AREA.)
- Step 6: REMOVE ANY EXCESS SOLDER.  
(NOTE: EXCESS SOLDER WILL AFFECT PERFORMANCE.)
- Step 7: CLEAN ANY FLUX OR OTHER RESIDUE FROM AROUND SOLDER JOINT.

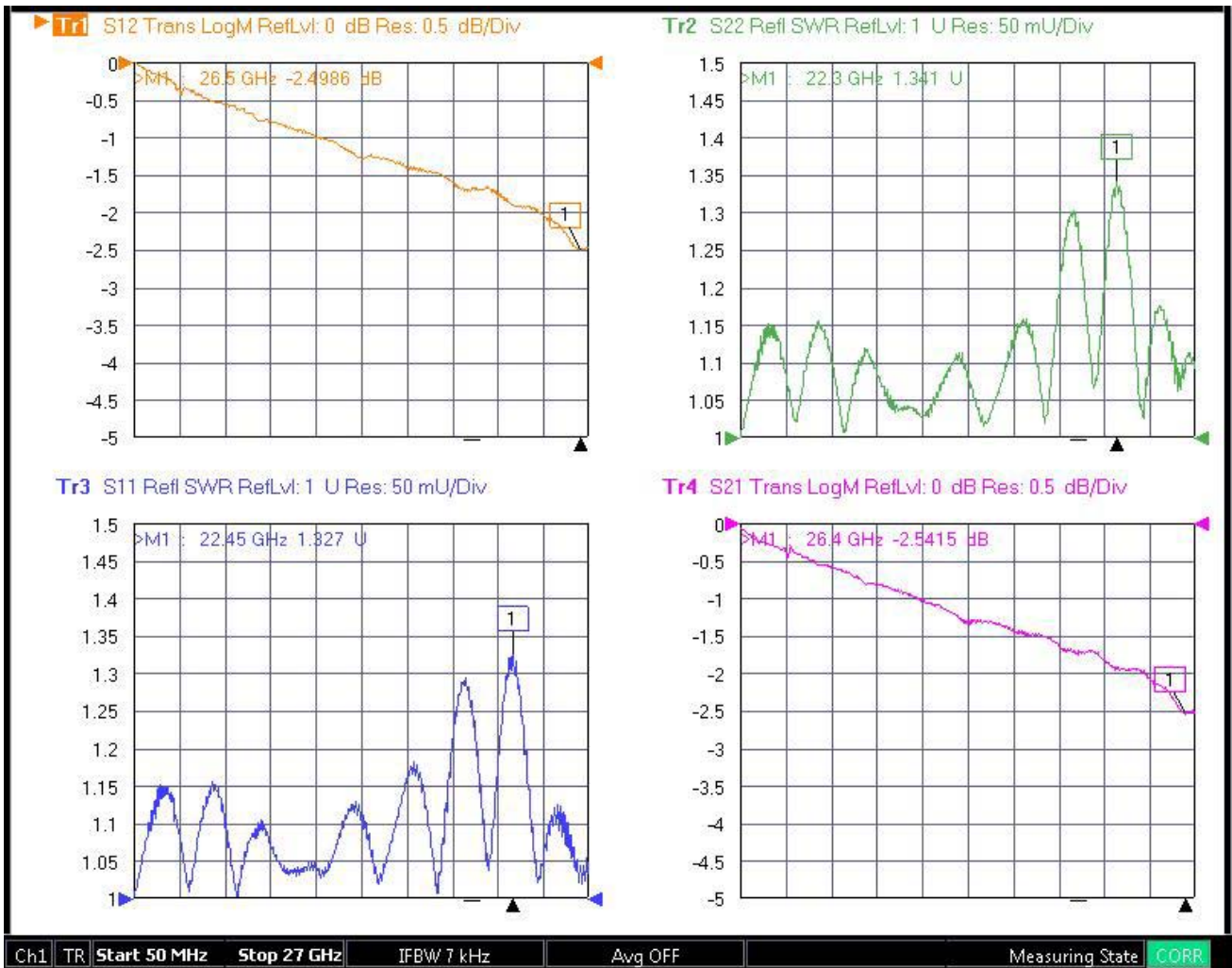


This part number complies with RoHS.

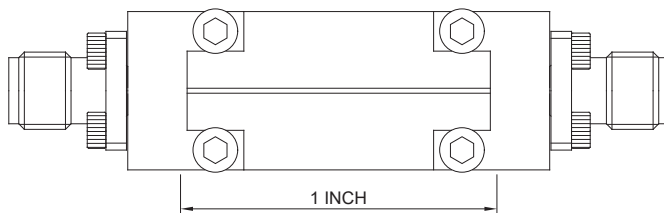
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA84LP-10/20
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> MIL-STD-348B Mechanically compatible with 2.92 & 3.5	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> Impedance 50Ω Frequency range DC to 27GHz VSWR $\leq 1.35$ (DC to 27GHz)* 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) 1000 V rms Working voltage (at sea level) 335 V rms *Test set up on page 4.	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> Recommended coupling nut torque 7 to 9.5 inch lbs Coupling proof torque 15 inch lbs Contact Captivation-axial $\geq 6.1$ lbs Durability (mating) $\geq 500$	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Environmental Data</div> 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	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Accessories</div>	

# SMA84LP-10/20



1. Test set up: SMA84LP-10/20 + 1 inch long test board + SMA84LP-10/20



2. Performance depends on the test board used

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  
勝特力電子(上海) 86-21-34970699  
勝特力電子(深圳) 86-755-83298787  
<http://www.100y.com.tw>