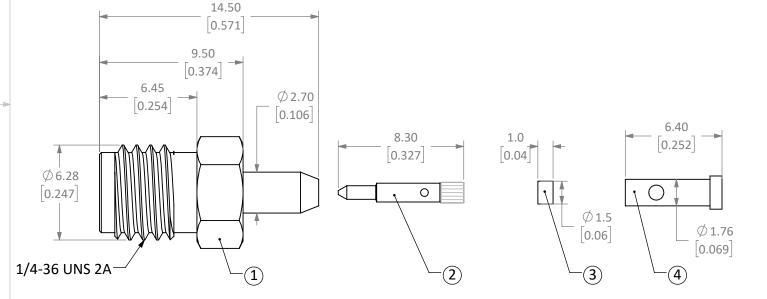
BILL OF MATERIALS				
ITEM	QTY.	Description		
1	1	BODY, CONNECTOR, RP-SMA, BRASS, RG-178		
2	1	PIN, BECU, KNUR, SOLDER, RG-178, GOLD		
3	1	SPAC, SUPPORT, PTFE, RG-178		
4	1	COLLAR, SHIELD, SOLDER, BRASS, GOLD		
5	20mm	HEAT SHRINK, PE, ID Ø3mm		

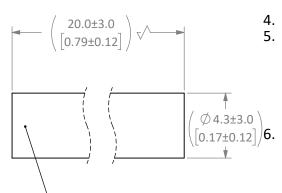
REVISIONS				
REV	DESCRIPTION	DATE	APPV	
Α	NEW FRAME; ADD HEAT SHRINK	4/26/10	Cl	
В	UPDATED DRAWING AND DIMENSIONS; ADDED NEW TITLE BLOCK	2-JUL-12	SAH	
С	REDRAWN, UPDATED SOLID MODELS	AJVM 3/7/23		

ASSEMBLY INSTRUCTIONS:

D

- STRIP CABLE TO RECOMMENDED DIMENSIONS.
- SLIP HEAT SHRINK ONTO STRIPPED CABLE.
- SOLDER THE GROUNDING COLLAR [FN4] ONTO THE BRAID.
- PLACE SPACER [FN3] ONTO CENTER CONDUCTOR.
- SOLDER OR CRIMP PIN [FN2] ONTO CENTER CONDUCTOR.
- INSERT PIN AND SPACER THROUGH GROUNDING COLLAR [FN4] AND OVER BRAID.
- INSERT ASSEMBLY INTO [FN1] BODY UNTIL THE TOP OF THE PIN IS FLUSH OR SLIGHTLY PROUD OF BODY.
- SOLDER OR CRIMP KNURELED END TO GROUNDING COLLAR.
- SLIDE HEAT SHRINK OVER ASSEMBLY AND SHRINK IN PLACE.



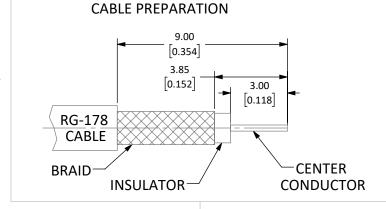


NOTES: (UNLESS OTHERWISE SPECIFIED)

- ALL DIMENSIONS ARE IN MILLIMETERS [IN].
- DIMENSIONS APPLY AFTER FINISHING.
- MANUFACTURE TO BE COMPLIANT WITH EU ROHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
- BREAK AND DEBURR SHARP EDGES .02mm
- **ELECTRICAL**:
 - IMPEDANCE: 50Ω
 - INSULATION: $5000M\Omega$
 - VOLTAGE: WORKING 335V RMS [750V RMS MAX]
 - CONTACT RESISTANCE: PIN: $<3m\Omega$ OUTER: $<2.5m\Omega$
 - VSWR: 1.12 + .02f

MECHANICAL:

- MOUNTING: FREE HANGING [IN-LINE]
- INTERFACE: SMA IAW MIL-STD-348
- **DURABILITY: 500 CYCLES**
- TORQUE MAX: .57 N/m [5.0 IN/LBS] MAX
- WRENCH: 6.35mm [1/4 IN]
- **ENVIRONMENTAL: IAW MIL-STD-202**
 - SALT FOG: ASTM B-117
 - THERMAL: 107b
 - VIBRATION: 204d
 - SHOCK: 213i
 - TEMP: -55°C- +155°C MAX

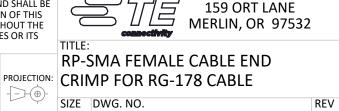


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