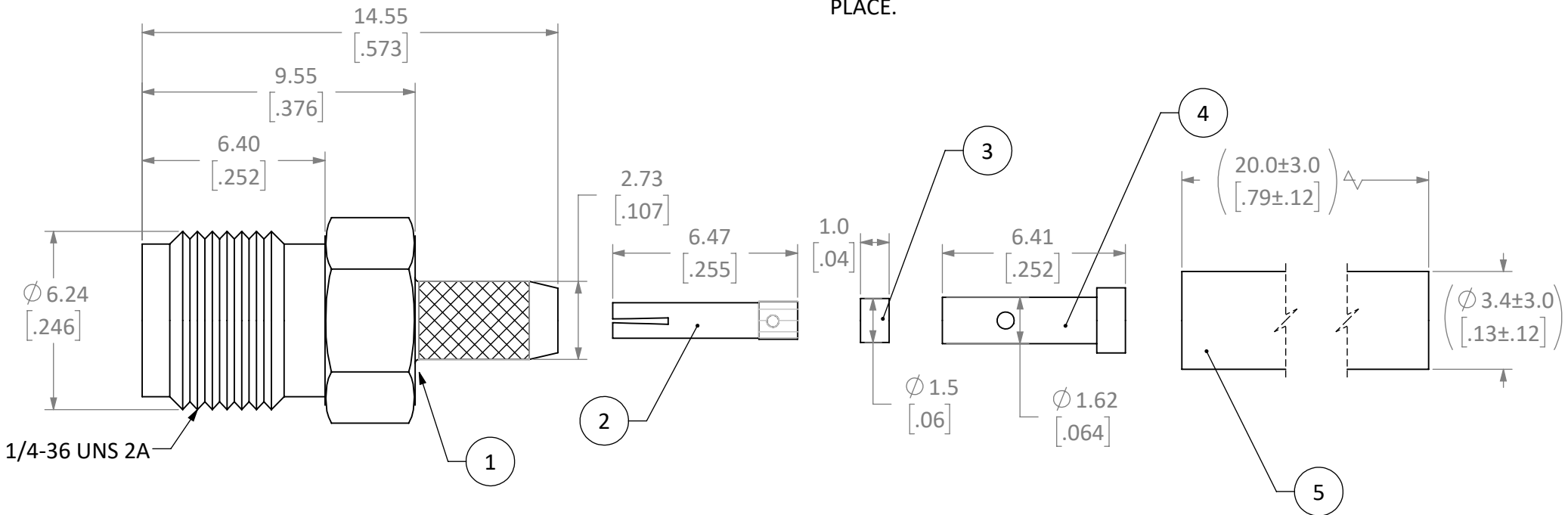


BILL OF MATERIALS		
ITEM	DESCRIPTION	QTY.
1	BODY, CONNECTOR, SMA, BRASS, RG178	1
2	PIN, BECU, KNUR, SOLDER, RG-178, GOLD	1
3	SPACER, SUPPORT, PTFE, RG-178	1
4	COLLAR, SHIELD, SOLDER, BRASS, GOLD	1
5	HEAT SHRINK, PE, ID Ø3mm	20mm

ASSEMBLY INSTRUCTIONS:

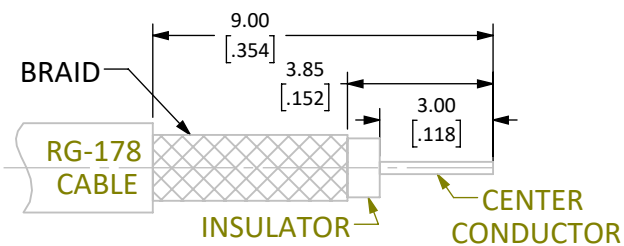
1. STRIP CABLE TO RECOMMENDED DIMENSIONS.
2. SLIP HEAT SHRINK ONTO STRIPPED CABLE.
3. SOLDER THE GROUNDING COLLAR [FN4] ONTO THE BRAID.
4. PLACE SPACER [FN3] ONTO CENTER CONDUCTOR.
5. SOLDER OR CRIMP PIN [FN2] ONTO CENTER CONDUCTOR.
6. INSERT PIN AND SPACER THROUGH GROUNDING COLLAR [FN4] AND OVER BRAID.
7. INSERT ASSEMBLY INTO [FN1] BODY UNTIL THE TOP OF THE SOCKET IS FLUSH WITH INSULATION.
8. SOLDER OR CRIMP KNURELED END TO GROUNDING COLLAR.
9. SLIDE HEAT SHRINK OVER ASSEMBLY AND SHRINK IN PLACE.

REVISIONS			
REV	DESCRIPTION	DATE	APPV
B	UPDATED FOOTPRINT AND DIMENSIONS. ADDED NEW TITLE BLOCK	BMURPHY 7/2/12	SAH
C	UPDATED DRAWING AND MODELS. ADDED SMS MODEL AND ASSEMBLY. REVISED DRAWING TO SHOW UPDATED PARTS.	JHAGER 10/20/2020	CL 10/28/20



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN MILLIMETERS [IN].
2. DIMENSIONS APPLY AFTER FINISHING.
3. 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.
4. BREAK AND DEBURR SHARP EDGES .02mm
5. ELECTRICAL:
  1. IMPEDANCE: 50Ω
  2. INSULATION: 5000MΩ
  3. VOLTAGE: WORKING 335V RMS [750V RMS MAX]
  4. CONTACT RESISTANCE: PIN: <3mΩ OUTER: <2.5mΩ
  5. VSWR: 1.12 + .02f
6. MECHANICAL:
  1. MOUNTING: FREE HANGING [IN-LINE]
  2. INTERFACE: SMA IAW MIL-STD-348
  3. DURABILITY: 500 CYCLES
  4. TORQUE MAX: .57 N/m [5.0 IN/LBS] MAX
  5. WRENCH: 6.35mm [1/4 IN]
7. ENVIRONMENTAL: IAW MIL-STD-202
  1. SALT FOG: ASTM B-117
  2. THERMAL: 107b
  3. VIBRATION: 204d
  4. SHOCK: 213i
  5. TEMP: -55°C - +155°C MAX



RECOMMENDED STRIP DIMENSIONS

<b>WARNING:</b> THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT IS THE SOLE PROPERTY OF LINX TECHNOLOGIES, AND SHALL BE TREATED AS SUCH. NO DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT IS PERMITTED, IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF LINX TECHNOLOGIES OR ITS DESIGNATED AGENTS.				159 ORT LANE MERLIN, OR 97532	
MATERIAL: BRASS BE CU		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.		TITLE: SMA Female Cable End Crimp - RG-178 Cable	
WEIGHT:		.X ±.2 .XX ±.10 .XXX ±.050		SIZE <b>B</b>	
FINISH: NiC GOLD		DRAWN: BMURPHY ENGR:		DWG. NO. C-CONSMA011-R178	
		DT: 07/02/12 DT: 07/02/12		REV <b>C</b>	
		SCALE: 5:1		DO NOT SCALE DRAWING	
		SHEET 1 OF 1		LDCDFB_B	