

1. MATERIALS AND FINISHES:
BODY, CONTACT PIN, BARREL, LOCK WASHER &
HEX NUT - BRASS, GOLD PLATING
INSULATORS - PTFE, NATURAL
FERRULE - COPPER, GOLD PLATING
HEAT SHRINK TUBE - POLYOLEFIN, BLACK

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY: DC - 4 GHz.
- C. VSWR: 1.30 MAX.
- D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -40°C TO +155°C

4. PACKAGING:
A. QUANTITY: SINGLE PACK

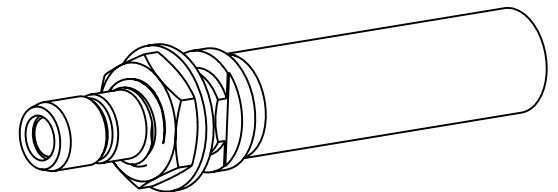
5. CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN.
- B. SLIDE HEAT SHRINK TUBE & FERRULE ONTO CABLE.
- C. CRIMP CONTACT TO CABLE CENTER CONDUCTOR WITH 0.028" SQUARE DIE.
- D. INSERT CABLE INTO CONNECTOR AND BRAID OVER KNURL.
- E. CRIMP FERRULE OVER BRAID WITH 0.151" HEX DIE.
- F. APPLY HEAT SHRINK TUBE OVER FERRULE.

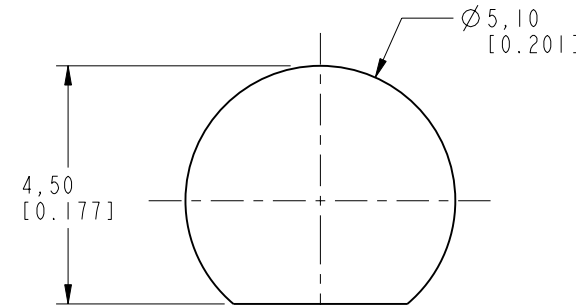
6 SHOWS CABLE ENTRY DIMENSIONS.

REVISIONS

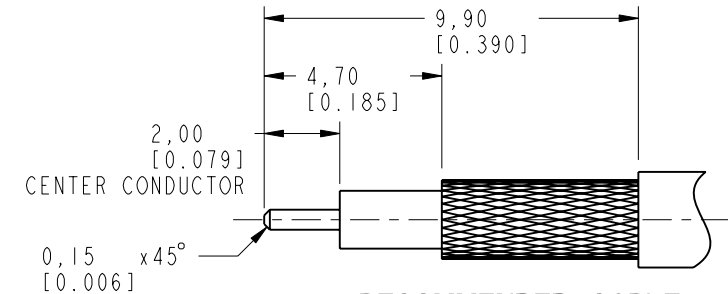
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	23-Aug-07	--	ET
B	FORMAT UPDATED TO BSIZE_GLOBAL & IMPERIAL UNITS ADDED, OPTIMIZE	24-May-18	08661	KCE



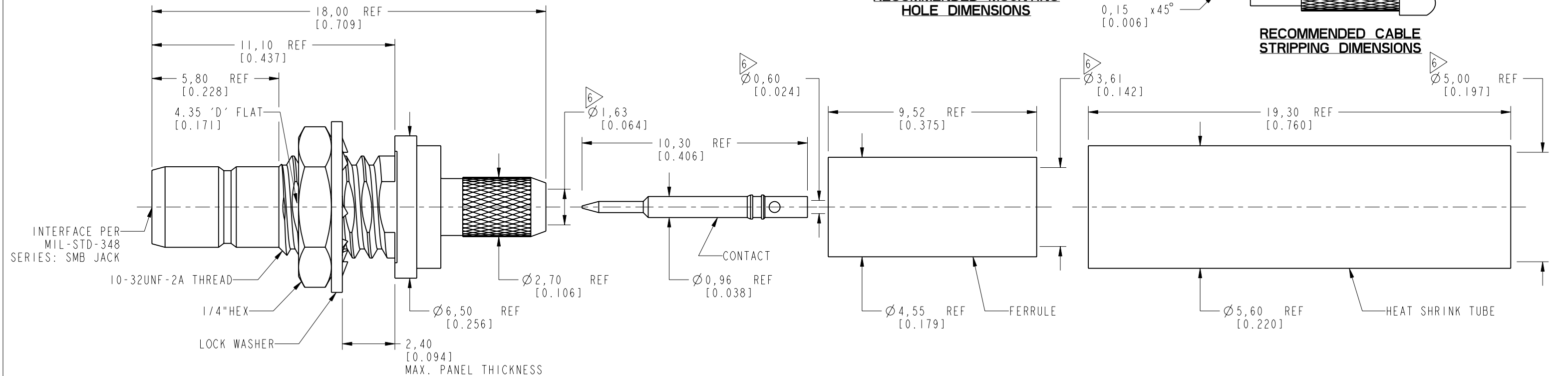
SCALE 2.500



RECOMMENDED MOUNTING HOLE DIMENSIONS



RECOMMENDED CABLE STRIPPING DIMENSIONS



ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°					MATERIAL		DRAWN		DATE		TITLE SMB STR BHD JACK FOR RG 316U/D CABLE		Amphenol RF www.amphenolrf.com	
NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.					SEE NOTES		ENGINEER		DATE					
					REFERENCE		S. DUAN		30-Jul-18					
					EAR# 7820		APPROVED		DATE					
					REF: 142192		S. HSIEH		30-Jul-18					
CONFIGURATION LEVEL: In Work					CAD FILE		DWG SIZE		REV		DRAWING NO. SMB1421A1-013-3GT30G-50			
FINISH							B		B		ITEM NO. 121421AAQ35GE5F			
											PART NO. 142192			