NOTES:

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

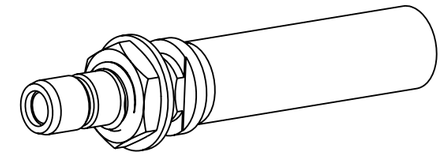
4. PACKAGING:
   A. QUANTITY: SINGLE PACK

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.

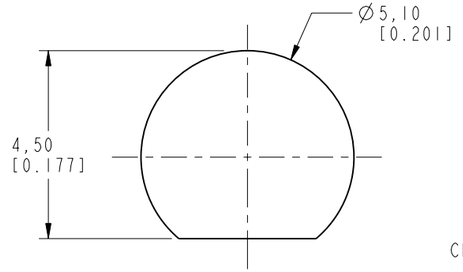
6 SHOWS CABLE ENTRY DIMENSIONS.

THIRD ANGLE PROJ.

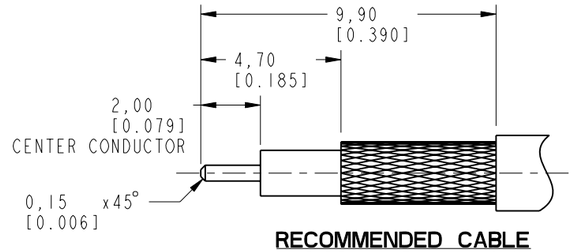
REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	23-Aug-07	--	ET
B	FORMAT UPDATED TO BSIZE_GLOBAL & IMPERIAL UNITS ADDED, OPTIMIZE	24-May-18	08661	KCE



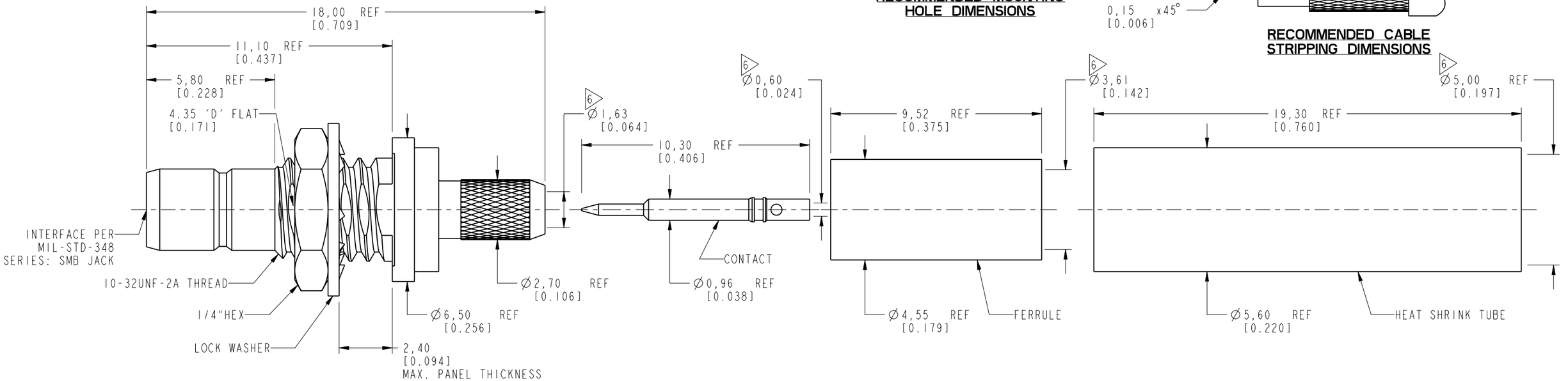
SCALE 2.500



RECOMMENDED MOUNTING HOLE DIMENSIONS



RECOMMENDED CABLE STRIPPING DIMENSIONS



CUSTOMER OUTLINE DRAWING

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°

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MATERIAL	SEE NOTES
REFERENCE	
EAR# 7820	
REF: 142192	
CONFIGURATION LEVEL: In Work	
FINISH	

DRAWN	W.ZENG	DATE 26-Jul-18
ENGINEER	S.DUAN	DATE 30-Jul-18
APPROVED	S.HSIEH	DATE 30-Jul-18
CAD FILE		

TITLE
SMB STR BHD JACK
FOR RG 316U/D CABLE

SCALE: 5.8:1.0 | SHEET 2 OF 2

DWG SIZE B | REV B

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DRAWING NO. SMB1421A1-013-3GT30G-50
ITEM NO. 121421AAQ35GE5F
PART NO. 142192