NOTES:

1. MATERIALS AND FINISHES:
   BODY, RETAINING RING, CONTACT - BERYLLIUM COPPER, GOLD PLATING
   HOUSING, COVER - BRASS, GOLD PLATING
   INSULATOR - PTFE, NATURAL
   SPACER - ULTEM, NATURAL

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC-12 GHz
   C. VSWR(RETURN LOSS): 1.10 MAX. @ DC-6 GHz
      1.30 MAX. @ 6-12 GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

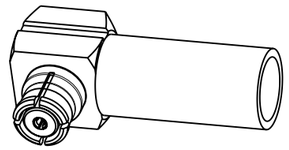
3. MECHANICAL:
   A. DURABILITY: 100 CYCLES MIN. WHEN MATED WITH FULL DETENT JACK
      500 CYCLES MIN. WHEN MATED WITH LIMITED DETENT JACK
      1000 CYCLES MIN. WHEN MATED WITH SMOOTH BORE JACK
   B. TEMPERATURE RANGE: -65°C TO 165°C

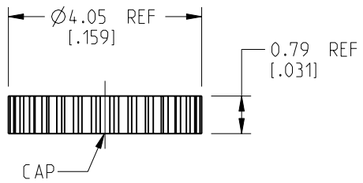
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, SMP-FR-C08-3-R & DATE CODE"

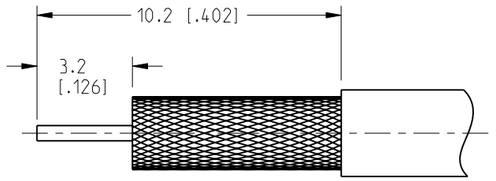
5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN.
   B. SLIDE FERRULE AND SPACER ONTO CABLE.
   C. INSERT CABLE INTO BODY AND CRIMP BRAID OVER BODY USING .151" HEX.
   D. AFTER CRIMPING, SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
      SOLDER MUST NOT PROTRUDE ABOVE CENTER CONTACT END SURFACE.
   E. PRESS REAR INSULATOR DISC INTO BODY UNTIL IT BOTTOMS.
   F. INSERT CAP UNTIL FLUSH WITH SURFACE OF HOUSING. INSERTION TOOLING
      MUST ENSURE THAT CAP SURFACE IS PARALLEL TO BODY SURFACE.

⑥ SHOWS CABLE ENTRY DIMENSIONS.

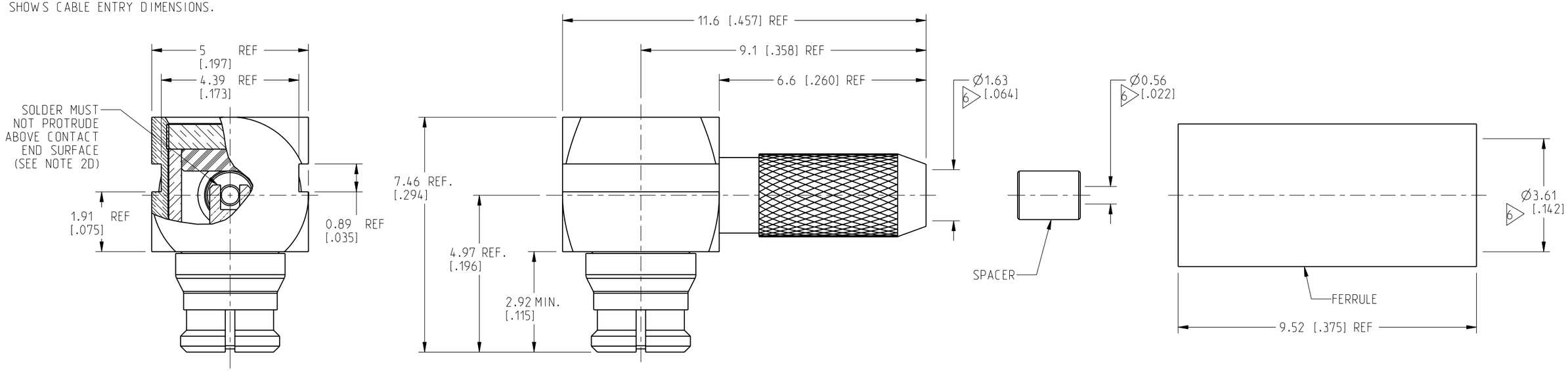
REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	30-Apr-20	15041	S.HSIEH







RECOMMENDED
CABLE STRIPPING DIMENSIONS



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE	EAR#
SMP-FR-C08-2	8449

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:

<0.5mm = ±0.05mm	[<0.020 = ±0.002]
>0.5 - 6mm = ±0.1mm	[>0.020 - 0.236 = ±0.004]
>6.00 - 30mm = ±0.2mm	[>0.236 - 1.181 = ±0.008]
>30.00 - 120mm = ±0.3mm	[>1.181 - 4.725 = ±0.012]

ANGLES = ±1°

MATERIAL: SEE NOTE 1

ENGINEER: M.ZHANG

DATE: 30-Apr-20

TITLE: SMP R/A PLUG FOR RD-316 CABLE

SHEET NO. 2 OF 2

SCALE: 8.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	SMP-FR-C08-3-R	A
	ITEM NO. SMP-FR-C08-3-R	
	PART NO. SMP-FR-C08-3-R	

Unikeyic Electronics

Global Electronic Components Distributor

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Amphenol:

76384-316LF 86093488314745V1LF DEM09P032N 65781-158 68002116HLF 86093968813H45V1LF RJE061661210 54202-S08-07LF 67996-204HLF 68001-108HLF 70234-112LF 86093968191755E3LF 91614-403ALF CD15S13E4RV09LF RJSBE5080C2 86093967896755LF 86130202123355E1LF 863013A DCMF37P 68001-200HLF LD25S33E4GV00LF 68000-236HLF 69192-408HLF 70430-164LF 95157-140LF D15P13A6RV12LF 70218-1116LF LD15P33E4GV00LF 54202-G0805CLF DAPO15S365TLF