

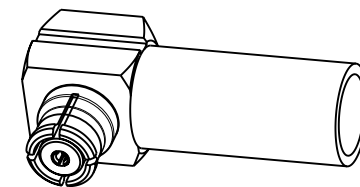
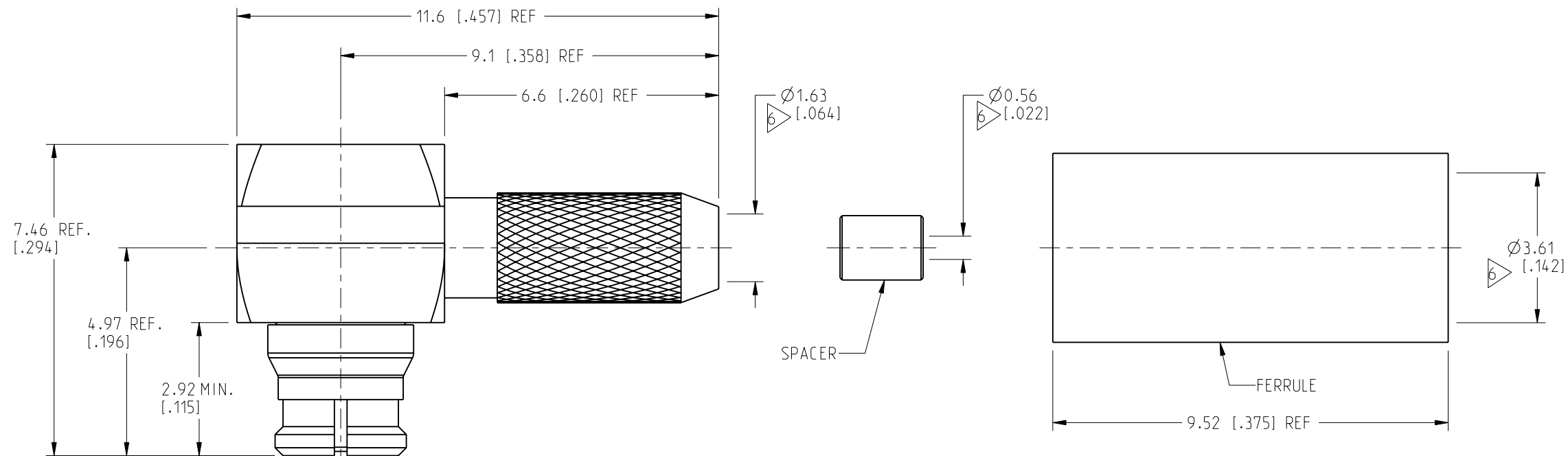
1. MATERIALS AND FINISHES:
BODY, RETAINING RING, CONTACT - BERYLLIUM COPPER, GOLD PLATING
HOUSING, COVER - BRASS, GOLD PLATING
INSULATOR - PTFE, NATURAL
SPACER - ULTEM, NATURAL
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC-12 GHz
C. VSWR(RETURN LOSS): 1.10 MAX. @ DC-6 GHz
1.30 MAX. @ 6-12 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.

5 REF
[.197]
4.39 REF
[.173]

SOLDER MUST NOT PROTRUDE ABOVE CONTACT END SURFACE (SEE NOTE 2D)

1.91 REF
[.075]

0.89 REF
[.035]



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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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:

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

ENGINEER
M. ZHANG

DATE	30-Apr-20
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SHEET NO. 2 OF 2

SCALE: 8.0:1.0

Amphenol RF

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

REV
A

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