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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	PRELIMINARY RELEASE	15JUN2026	SB	AR

ELECTRICAL CHARACTERISTICS:

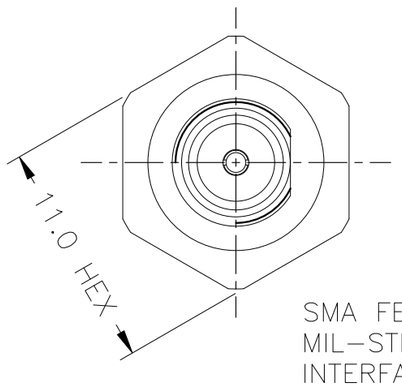
IMPEDANCE : 50Ω
VOLTAGE RATING : 60 V(rms)
FREQUENCY RANGE : DC~ 6 GHz
DIELECTRIC WITHSTANDING VOLTAGE : >200 V
INSULATION RESISTANCE : >1000 MΩ
VSWR : <1.50
3RD INTERMODULATION : N/A

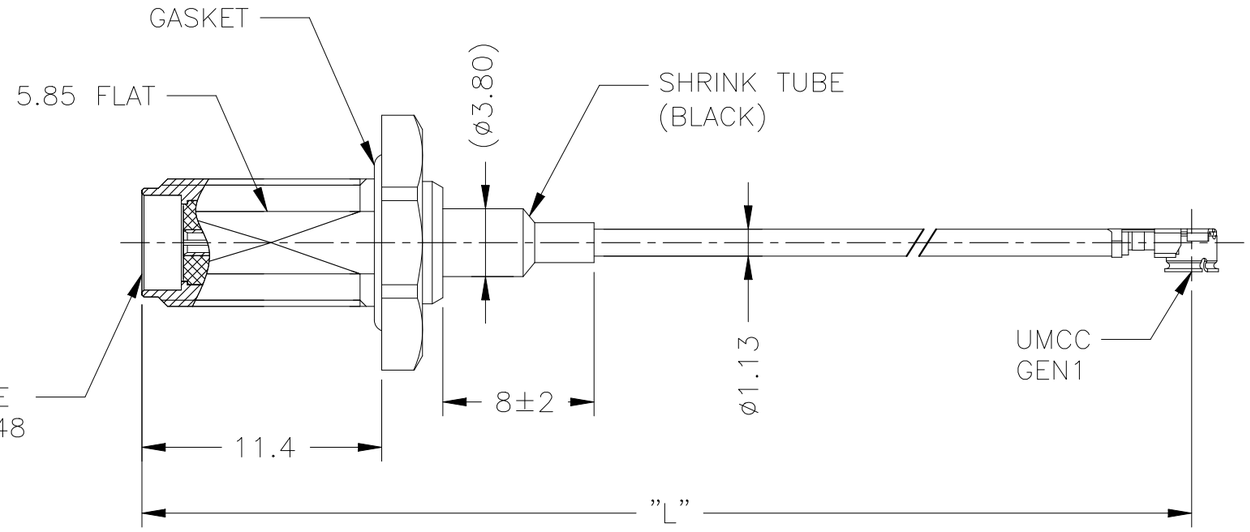
MATERIAL AND FINISH:

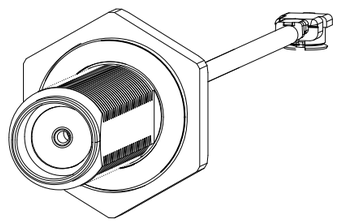
SMA FEMALE:
BODY, NUT AND WASHER: BRASS HBi59-1
GOLD 3µ"/NICKEL 100µ"/COPPER 50µ"
CONTACT: BERYLLIUM COPPER C17200
GOLD 3µ"/NICKEL 100µ"/COPPER 50µ"
INSULATOR : PTFE MIL-P-19468
GASKET: SILICONE
COLOR RED
HEAT SHRINK: PO, BLACK

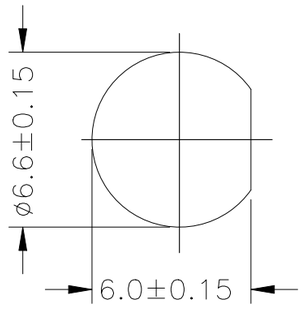
UMCC GEN1:
CENTER CONTACT: PHOSPHOR BRONZE
GOLD 3.9µ"/NICKEL 39µ"
GROUND CONTACT: PHOSPHOR BRONZE
GOLD 1.9µ"/NICKEL 39µ"
HOUSING: PBT
UL94V-0

CABLE: ⌀1.13MM BLACK

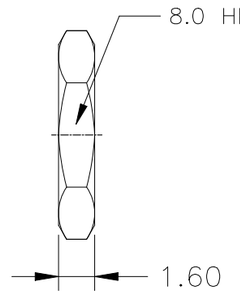




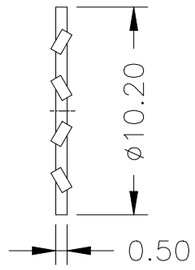




RECOMMENDED MOUNTING HOLE
PANEL THICKNESS : 3.4MM MAX



NUT



WASHER

PART NUMBER	LENGTH "L" (mm)	INSERTION LOSS
2556946-1	101.6 +6/-0	<1.17 dB @ 6GHz
2556946-2	152.4 +6/-0	<1.50 dB @ 6GHz
2556946-3	203.2 +8/-0	<1.84 dB @ 6GHz
2556946-4	254.0 +8/-0	<2.18 dB @ 6GHz
2556946-5	304.8 +8/-0	<2.52 dB @ 6GHz

MECHANICAL CHARACTERISTICS		
CABLE RETENTION FORCE		>15 N
CABLE STATIC BENDING RADIUS		4.5 mm MIN.
DURABILITY	≥500cycles(SMA)	≥30cycles(UMCC)

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 ℃~+80 ℃
PROTECTION GRADE	IP68(UNMATED)
CORROSION	MIL-STD 202,Meth.101,Cond.B
ROHS	COMPLIANT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.3
2 PLC ± 0.2
3 PLC ± 0.1
4 PLC ± –
ANGLES ± –

MATERIAL: SEE NOTE
FINISH: SEE NOTE

DWN SUGEESH B 30MAR2026
CHK ANSON M 12JUN2026
APVD ARAVINDHAN R 15JUN2026
PRODUCT SPEC 108-162628
APPLICATION SPEC —
WEIGHT 0

PRELIMINARY

TE Connectivity

NAME
SMA JACK BH STR TO
UMCC GEN1 PLUG R/A, 1.13MM CABLE
—

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2556946	—

CUSTOMER DRAWING

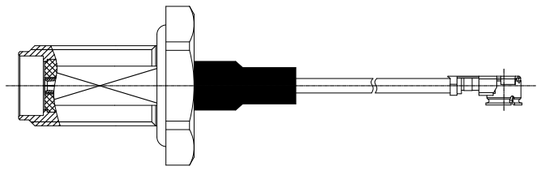
SCALE	SHEET	REV
NTS	1 OF 2	1

1470-19 (1/15)

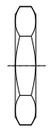
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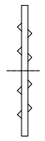
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—



ASSEMBLY

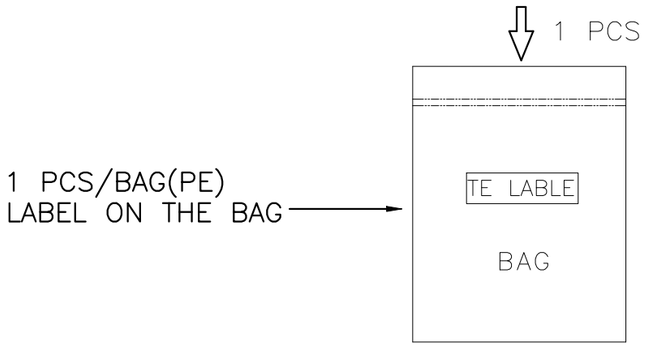


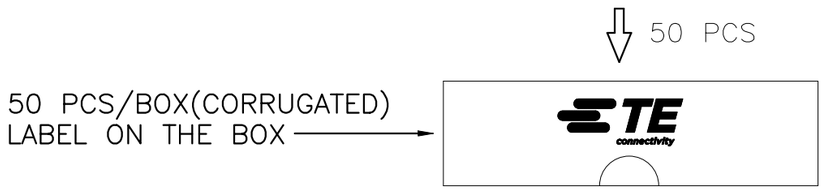
NUT



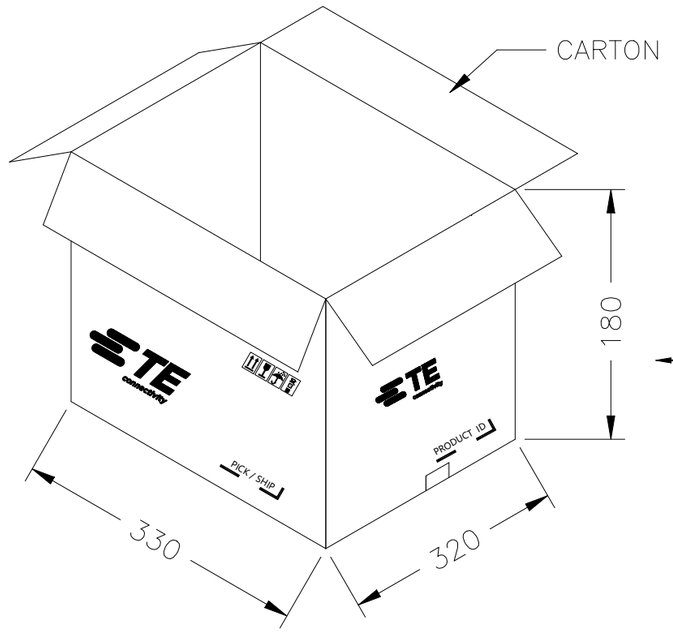
WASHER

NOTE:
1. 1 PCS / BAG
2. 50 BAG / BOX (50 PCS / BOX)
3. 10 BOX / CARTON (500 PCS / CARTON)
4. SINGLE WEIGHT:
   - 2556946-1 : 6.02g
   - 2556946-2 : 6.52g
   - 2556946-3 : 7.03g
   - 2556946-4 : 7.54g
   - 2556946-5 : 8.05g
5. WEIGHT PER BOX:
   - 2556946-1 : 5360g
   - 2556946-2 : 5610g
   - 2556946-3 : 5865g
   - 2556946-4 : 6120g
   - 2556946-5 : 6375g





10 BOX



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3 PLC	± 0.1
4 PLC	± –
ANGLES	± –

MATERIAL: SEE TABLE

FINISH: SEE TABLE

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APVD	ARAVINDHAN R 15JUN2026
PRODUCT SPEC	108-162628
APPLICATION SPEC	—
WEIGHT	0

TE Connectivity

NAME: SMA JACK BH STR TO UMCC GEN1 PLUG R/A, 1.13MM CABLE –

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2556946	—

CUSTOMER DRAWING

SCALE	SHEET	REV
NTS	2 OF 2	1

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