

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

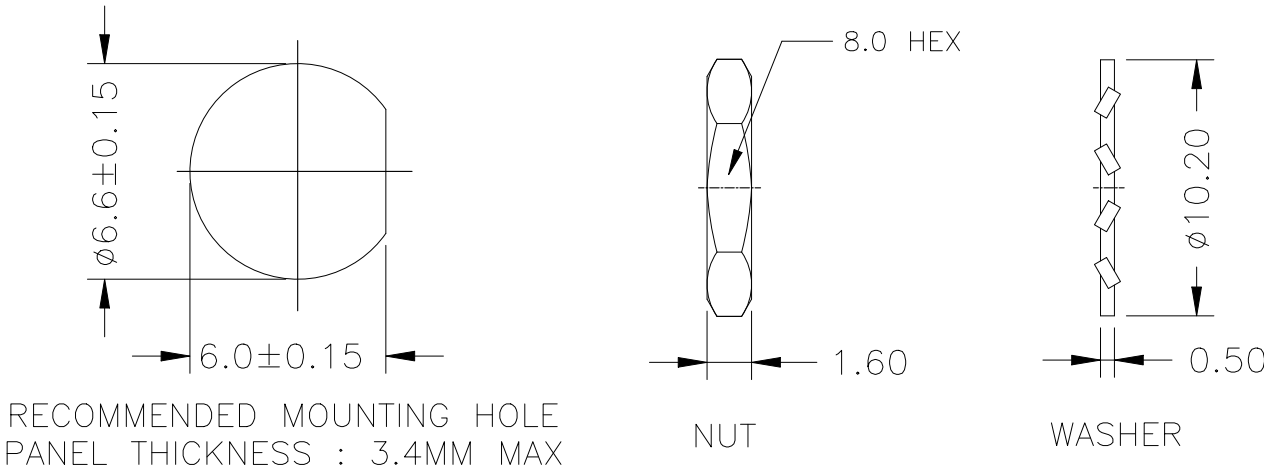
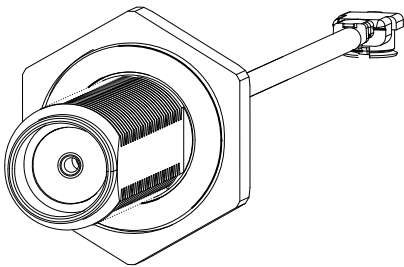
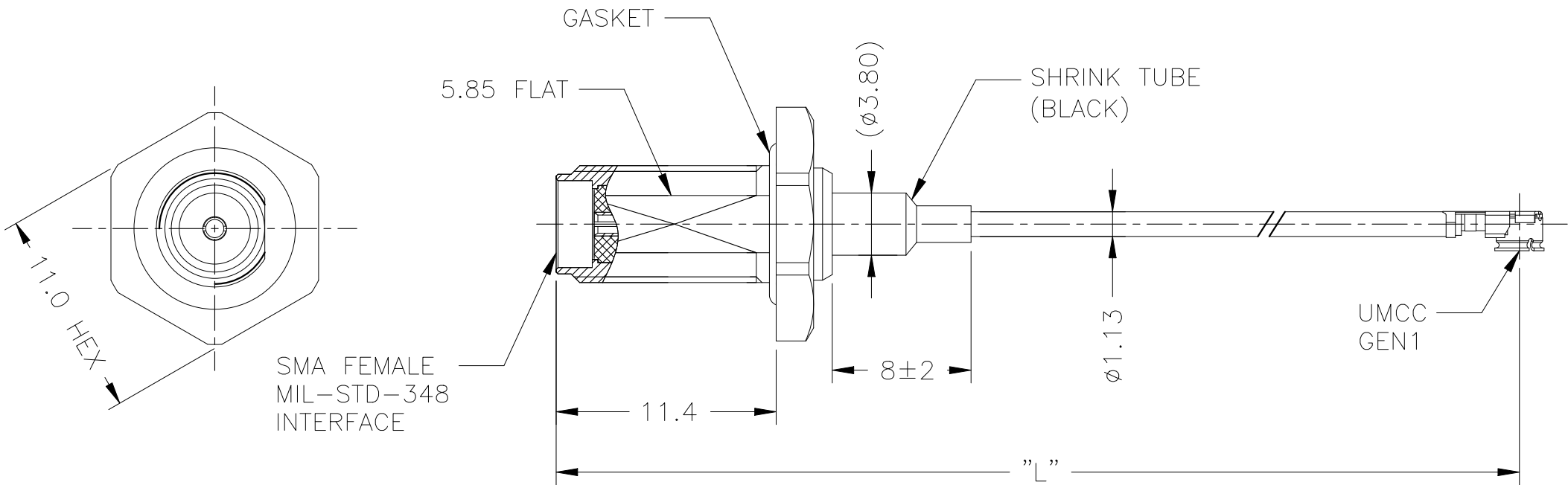
MATERIAL AND FINISH:

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: ø1.13MM BLACK

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	23JUN2026	SB	AR

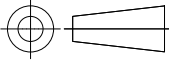


RECOMMENDED MOUNTING HOLE
PANEL THICKNESS : 3.4MM MAX

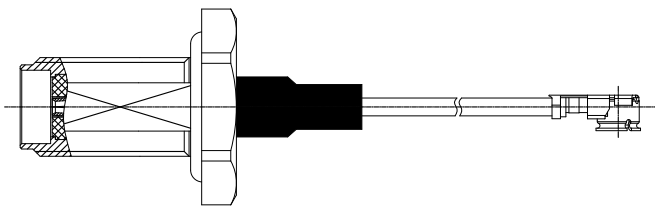
MECHANICAL CHARACTERISTICS		
CABLE RETENTION FORCE		>15 N
CABLE STATIC BENDING RADIUS		4.5 mm MIN.
DURABILITY	≥500cycles(SMA)	≥30cycles(UMCC)

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

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUGEESH B 30MAR2026	 TE Connectivity		
DIMENSIONS: mm		CHK ANSON M 12JUN2026			
		APVD ARAVINDHAN R 23JUN2026	NAME SMA JACK BH STR TO UMCC GEN1 PLUG R/A, 1.13MM CABLE		
		PRODUCT SPEC 108-162628	-		
MATERIAL SEE NOTE		APPLICATION SPEC -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2556946
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ANGLES ± - FINISH SEE NOTE		WEIGHT 0	RESTRICTED TO -		
CUSTOMER DRAWING			SCALE NTS	SHEET 1 OF 2	REV A

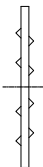
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—



ASSEMBLY



NUT

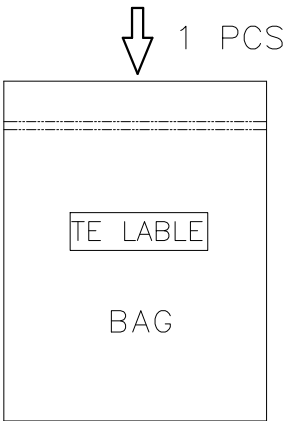


WASHER

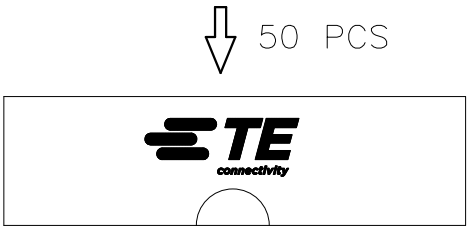
NOTE:

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

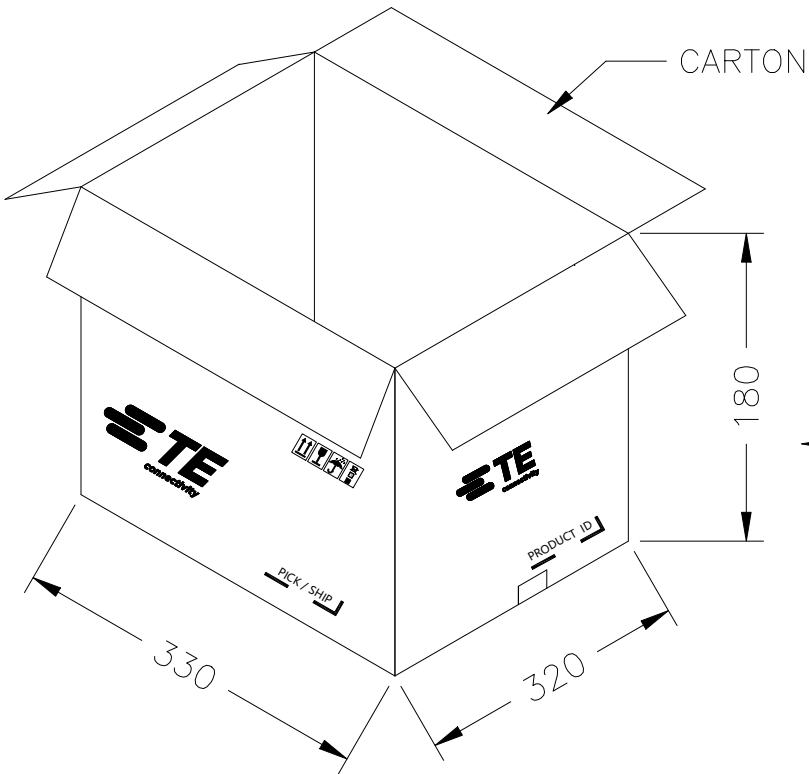
1 PCS/BAG(PE)
LABEL ON THE BAG



50 PCS/BOX(CORRUGATED)
LABEL ON THE BOX



10 BOX



10 BOX/CARTON(CORRUGATED)
LABEL ON THE CARTON

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUGEESH B 30MAR2026	TE Connectivity		
		CHK ANSON M 12JUN2026			
DIMENSIONS: mm		APVD ARAVINDHAN R 15JUN2026	NAME SMA JACK BH STR TO UMCC GEN1 PLUG R/A, 1.13MM CABLE		
		PRODUCT SPEC 108-162628	SIZE A3		
		APPLICATION SPEC —			
MATERIAL SEE TABLE		WEIGHT 0	CAGE CODE 00779	DRAWING NO C-2556946	RESTRICTED TO —
		CUSTOMER DRAWING		SCALE NTS	SHEET 2 OF 2
				REV A	