

ELECTRICAL CHARACTERISTICS:

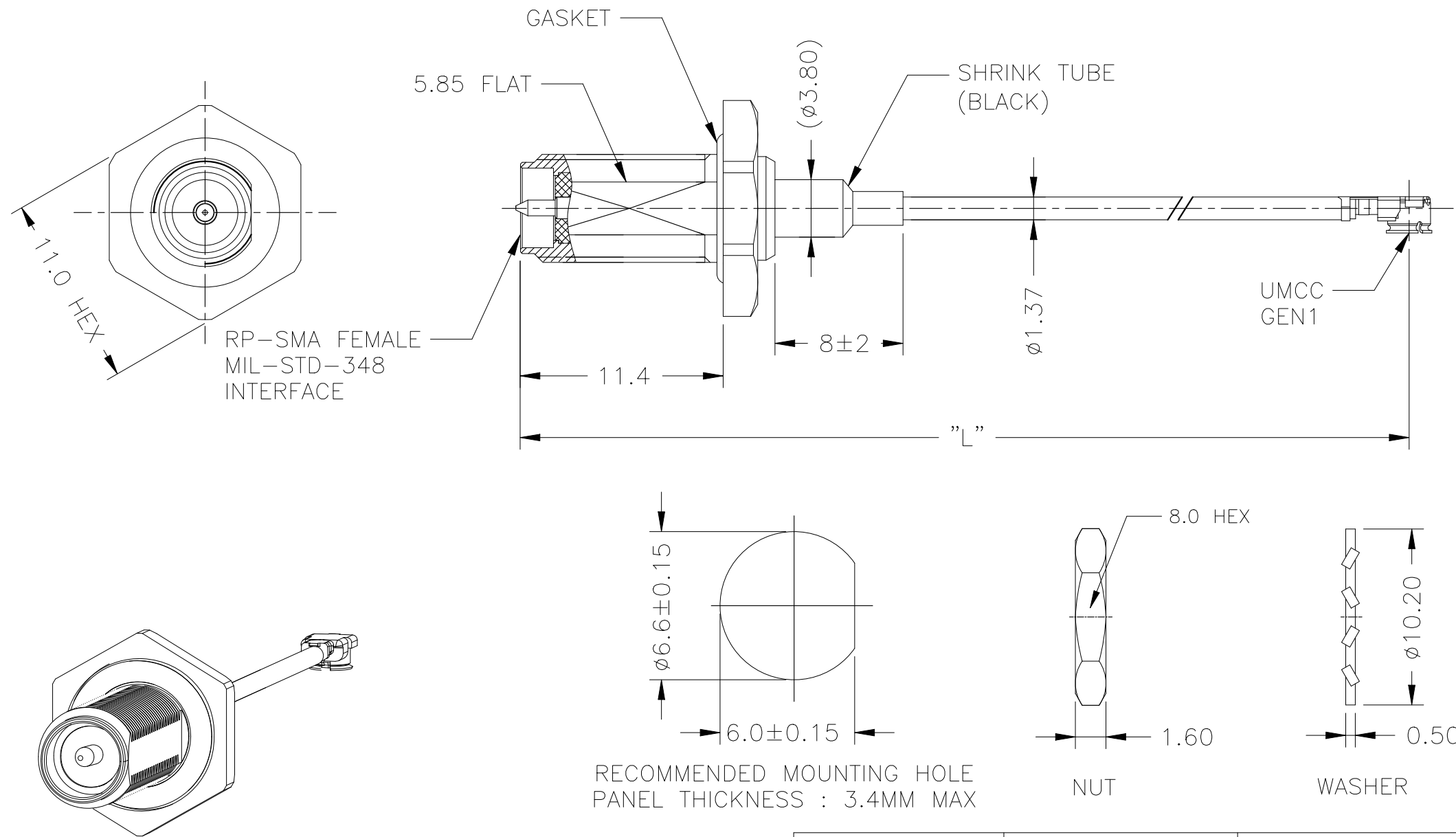
IMPEDANCE : 50Ω
VOLTAGE RATING : 60 V(rms)
FREQUENCY RANGE : DC~ 6 GHz
DIELECTRIC WITHSTANDING VOLTAGE : >200 V
INSULATION RESISTANCE : >1000 MΩ
VSWR : <1.50
3RD INTERMODULATION : N/A

MATERIAL AND FINISH:

SMA:
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: ø1.37MM BLACK



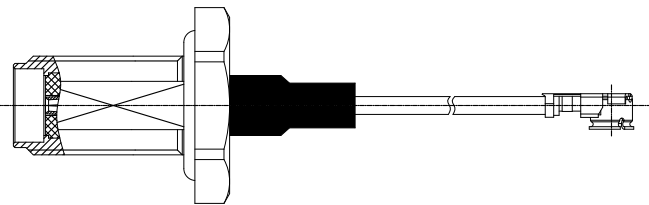
MECHANICAL CHARACTERISTICS		
CABLE RETENTION FORCE	>15 N	
CABLE STATIC BENDING RADIUS	4.5 mm MIN.	
DURABILITY	≥500cycles(SMA)	≥30cycles(UMCC)

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

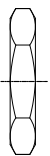
PART NUMBER	LENGTH "L" (mm)	INSERTION LOSS
2561102-1	101.6 +6/-0	<1.00 dB @ 6GHz
2561102-2	152.4 +6/-0	<1.24 dB @ 6GHz
2561102-3	203.2 +8/-0	<1.50 dB @ 6GHz
2561102-4	254.0 +8/-0	<1.74 dB @ 6GHz
2561102-5	304.8 +8/-0	<2.00 dB @ 6GHz

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUGESH B 30MAR2026			
DIMENSIONS: mm		CHK ANSON M 12JUN2026			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD ARAVINDHAN R 15JUN2026			
0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ANGLES ± - FINISH		PRODUCT SPEC 108-162632 APPLICATION SPEC - WEIGHT 0			
MATERIAL SEE NOTE		CUSTOMER DRAWING		NAME RP SMA JACK BH STR TO UMCC GEN1 PLUG R/A, 1.37MM CABLE -	RESTRICTED TO -
		SIZE A3	CAGE CODE 00779	DRAWING NO C-2561102	
		SCALE NTS	SHEET 1 OF 2	REV 1	

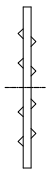
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—



ASSEMBLY



NUT



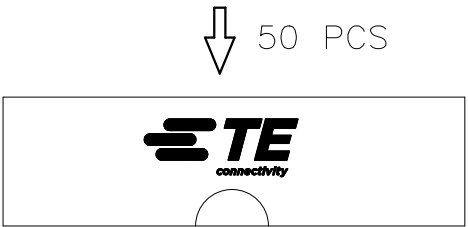
WASHER

- NOTE:
- 1 PCS / BAG
 - 50 BAG / BOX (50 PCS / BOX)
 - 10 BOX / CARTON (500 PCS / CARTON)
 - SINGLE WEIGHT:
 - 2561102-1 : 6.02g
 - 2561102-2 : 6.52g
 - 2561102-3 : 7.03g
 - 2561102-4 : 7.54g
 - 2561102-5 : 8.05g
 - WEIGHT PER BOX:
 - 2561102-1 : 5360g
 - 2561102-2 : 5610g
 - 2561102-3 : 5865g
 - 2561102-4 : 6120g
 - 2561102-5 : 6375g

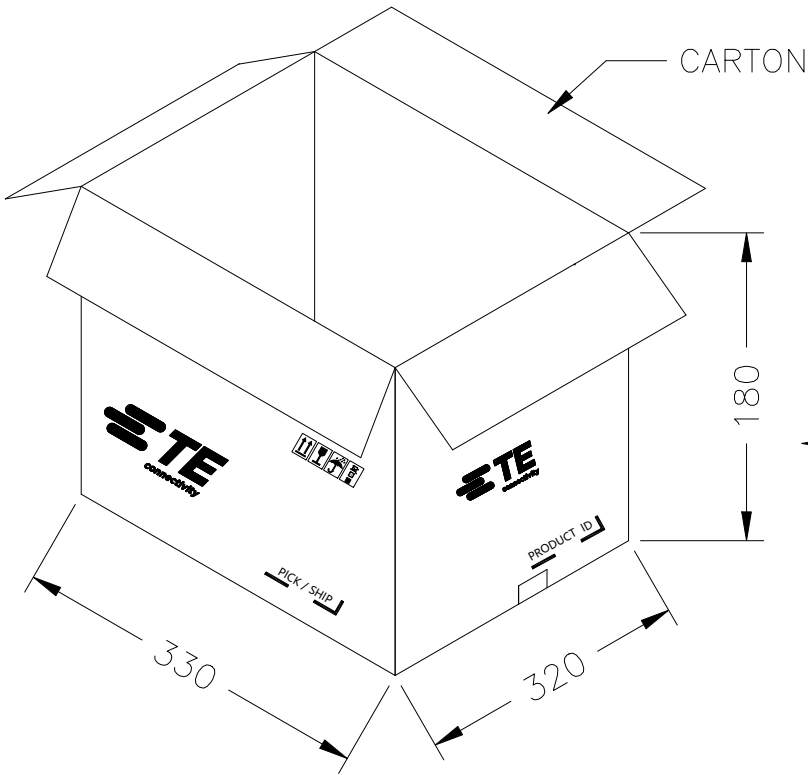
1 PCS/BAG(PE)
LABEL ON THE BAG



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			
		APVD ARAVINDHAN R	15JUN2026	NAME RP SMA JACK BH STR TO UMCC GEN1 PLUG R/A, 1.37MM CABLE		
		PRODUCT SPEC 108-162632				
		APPLICATION SPEC —		SIZE A3	CAGE CODE 00779	DRAWING NO C-2561102
		WEIGHT 0		RESTRICTED TO —		
CUSTOMER DRAWING		SCALE NTS		SHEET 2 OF 2	REV 1	