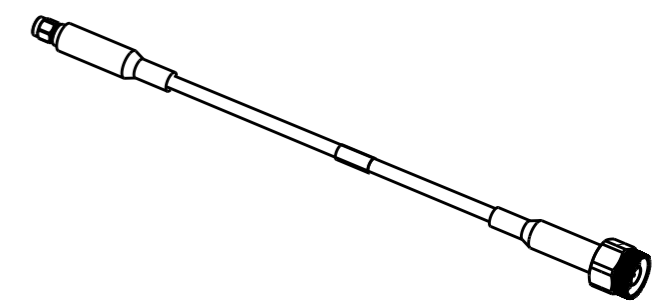
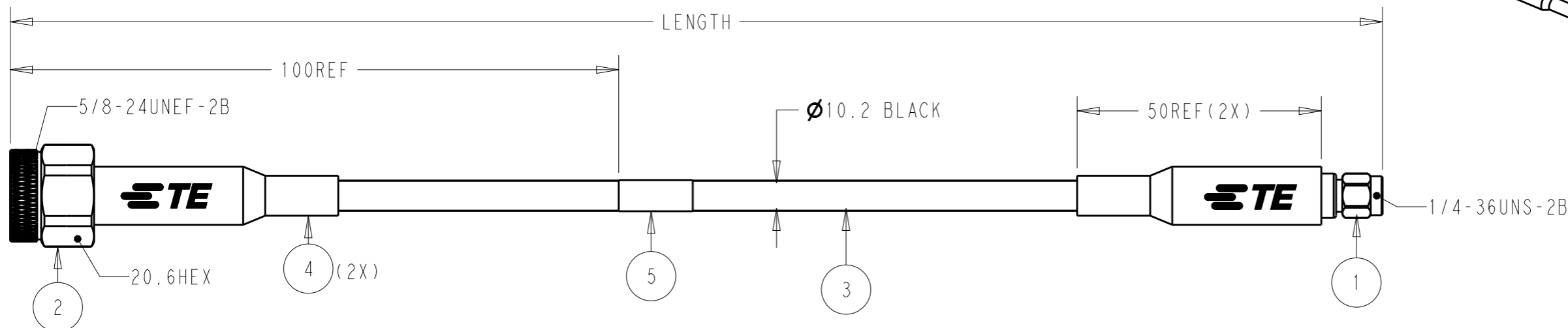


P	LTR	DESCRIPTION	DATE	DWN	APVD
1		INITIAL CREATED	23SEP2019	CL	RS



THIS PRINT IS
PRELIMINARY
UNQUALIFIED PRODUCT
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

- NOTES:
- MATERIAL AND PROCESSING MUST MEET REQUIREMENTS OF TEC-138-702
 - CONNECTOR SMA INTERFACE FOLLOW IEC60169-15
CONNECTOR N-TYPE INTERFACE FOLLOW IEC61169-16
 - PRODUCT RATING:
TEMPERATURE: -40°C TO +85°C
CHARACTERISTIC IMPEDANCE: 50 OHMS Normal
FREQUENCY RANGE: DC TO 18GHz
DURABILITY: NO LESS THAN 500TIMES
BEND RADIUS: 54MM MIN (STATIC)
108MM MIN(REPEATED)
 - CABLE ASSEMBLY TO BE 100% SI TESTED
VSWR: 1.35:1 MAX @ DC~18000MHz
INSERT LOSS: REFER TO TABLE
MECHANICAL PHASE STABILITY: $\lt; \pm 8^\circ$
MECHANICAL AMPLITUDE STABILITY: $\lt; \pm 0.15\text{dB}$
 - CONNECTOR NEED COVER WITH CAP, PACKAGE FOLLOW TEC-107-115

PART NUMBER	LENGTH	INSERTION LOSS(MAX)	
1-2016703-5	1500±15	1.93dB@6GHz	3.35dB@18GHz
1-2016703-0	1000±15	1.35dB@6GHz	2.53dB@18GHz
2016703-6	600±10	0.97dB@6GHz	1.70dB@18GHz

UNIT	Q'TY	DESCRIPTION	ITEM
1	PC	LABEL	5
MR	AR	HEAT SHRINK TUBE	4
MR	AR	COAX CABLE, SOLID SPCCS 0.94MM, PTFE TAPE INSULATION, SPC TAPE OUTER CONDUCTOR 3.15MM, WITH ARMOR, BRAID NYLON JACKET, 500HM, BLACK	3
PC	1	PC N-TYPE, MALE, STRAIGHT	2
PC	1	PC SMA, MALE, STRAIGHT	1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 20AUG2019 Cedar Liu		TE TE Connectivity	
DIMENSIONS: mm		CHK 22AUG2019 Roger Song			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD - Roger Song		NAME RF CA, N M TO SMA M, WITH ARMOR 18GHz	
0 PLC ±-		PRODUCT SPEC -		SIZE	
1 PLC ±0.1		APPLICATION SPEC -		CAGE CODE	
2 PLC ±0.01		WEIGHT -		DRAWING NO	
3 PLC ±0.001		CUSTOMER DRAWING		RESTRICTED TO	
4 PLC ±0.0001		SCALE 1:3		SHEET 1 OF 1	
ANGLES ±-		REV 1			
MATERIAL TBD		FINISH -			
finish_spec_2					