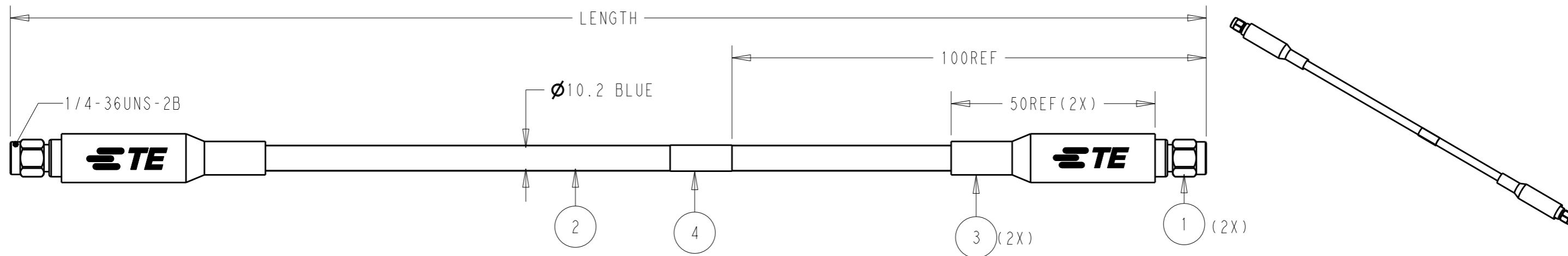


P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	INITIAL CREATED	23SEP2019	CL	RS



- NOTES:
- MATERIAL AND PROCESSING MUST MEET REQUIREMENTS OF TEC-138-702
  - CONNECTOR SMA INTERFACE FOLLOW IEC60169-15
  - 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: 1.3:1 MAX @ DC~18GHz  
 INSERT LOSS: REFER TO TABLE  
 MECHANICAL PHASE STABILITY: <math>\lt; \pm 5^\circ</math>  
 MECHANICAL AMPLITUDE STABILITY: <math>\lt; \pm 0.1\text{dB}</math>
  - CONNECTOR NEED COVER WITH CAP, PACKAGE FOLLOW TEC-107-115

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

1-2016656-5	1500±15	1.98dB@6GHz	3.96dB@18GHz
1-2016656-0	1000±15	1.42dB@6GHz	2.94dB@18GHz
2016656-6	600±10	0.97dB@6GHz	1.94dB@18GHz
PART NUMBER	LENGTH	INSERTION LOSS(MAX)	

PC	Q'TY	DESCRIPTION	ITEM
PC	1	LABEL	4
MR	AR	HEAT SHRINK TUBE	3
MR	AR	COAX CABLE, SOLID SPCCS 0.94MM, PTFE TAPE INSULATION, SPC TAPE OUTER CONDUCTOR 3.15MM, WITH ARMOR, PUR JACKET, 50OHM, BLUE	2
PC	2	PC SMA, MALE, STRAIGHT	1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 20AUG2019 Cedar Liu	<b>STE</b> TE Connectivity		
DIMENSIONS: mm		CHK 20AUG2019 Roger Song			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD - Roger Song	NAME RF CA, SMA M TO SMA M, 18GHz		
0 PLC ± 1 PLC ±0.1 2 PLC ±0.01 3 PLC ±0.001 4 PLC ±0.0001 ANGLES ±		PRODUCT SPEC -	RESTRICTED TO		
MATERIAL TBD		APPLICATION SPEC -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2016656
FINISH - finish_spec_2		WEIGHT -	SCALE 1:3 SHEET 1 OF 1 REV 1		
CUSTOMER DRAWING					