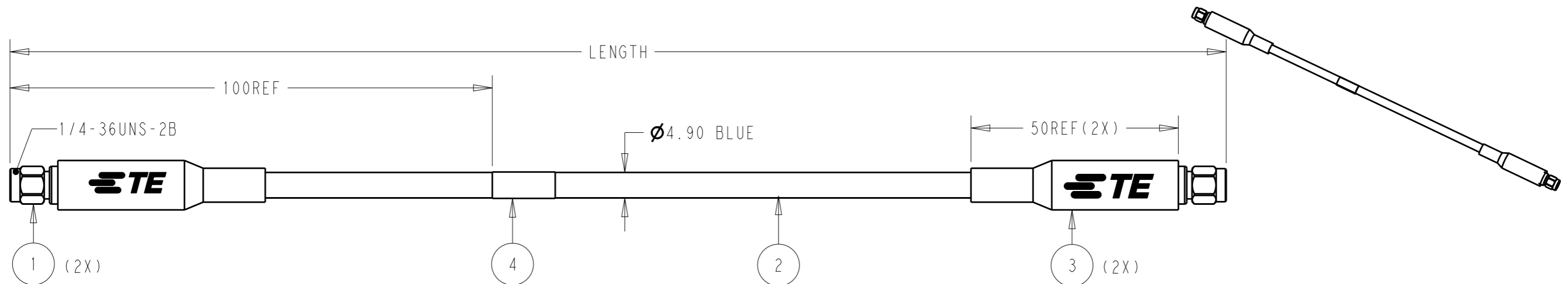


P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	INITIAL CREATED	23SEP2019	CL	RS



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
  - 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>\pm 5^\circ</math>  
MECHANICAL AMPLITUDE STABILITY: <math>\pm 0.1\text{dB}</math>
  - CONNECTOR NEED COVER WITH CAP, PACKAGE FOLLOW TEC-107-115

1-2016655-5	1500±15	1.98dB@6GHz	3.96dB@18GHz
1-2016655-0	1000±15	1.42dB@6GHz	2.94dB@18GHz
2016655-6	600±10	0.97dB@6GHz	1.94dB@18GHz
PART NUMBER	LENGTH	INSERTION LOSS(MAX)	

UNIT	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, FEP 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 28AUG2019 Roger Song		
TOLERANCES UNLESS OTHERWISE SPECIFIED.		APVD - Roger Song	NAME RF CA, SMA M TO SMA M, WITHOUT ARMOR 18GHz	
0 PLC ± 1 PLC ±0.1 2 PLC ±0.01 3 PLC ±0.001 4 PLC ±0.0001 ANGLES ±		PRODUCT SPEC -	SIZE A3 CAGE CODE 00779 DRAWING NO C-2016655 RESTRICTED TO	
MATERIAL TBD		APPLICATION SPEC -	SCALE 1:3 SHEET 1 OF 1 REV 1	
FINISH -		WEIGHT -	CUSTOMER DRAWING	
finish_spec_2				