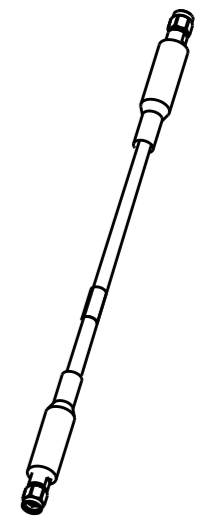
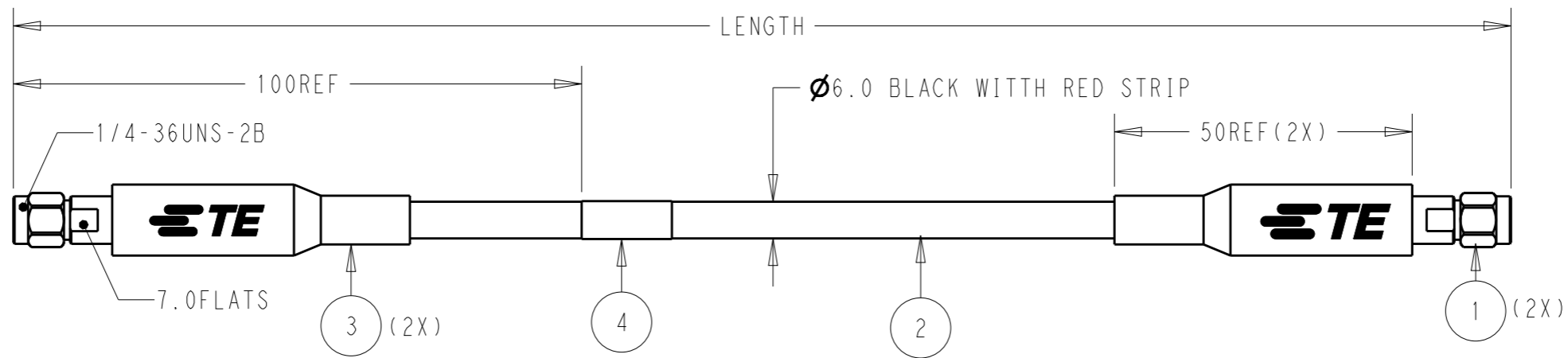


P	LTR	DESCRIPTION	DATE	DWN	APVD
1		INITIAL CREATED	23SEP2019	CL	RS



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 3.5 INTERFACE FOLLOW IEC60169-23
  - PRODUCT RATING:  
 TEMPERATURE: -40°C TO +85°C  
 CHARACTERISTIC IMPEDANCE: 50 OHMS Normal  
 FREQUENCY RANGE: DC TO 26.5GHz  
 DURABILITY: NO LESS THAN 500TIMES  
 BEND RADIUS: 25MM MIN (STATIC)  
 60MM MIN(REPEATED)
  - CABLE ASSEMBLY TO BE 100% SI TESTED  
 VSWR: 1.3:1 MAX @ DC~26.5GHz  
 INSERT LOSS: REFER TO TABLE  
 MECHANICAL PHASE STABILITY:  $\pm 5^\circ$   
 MECHANICAL AMPLITUDE STABILITY:  $\pm 0.05$ dB
  - CONNECTOR NEED COVER WITH CAP, PACKAGE FOLLOW TEC-107-115

PART NUMBER	LENGTH	INSERTION LOSS(MAX)		
1-2016663-5	1500 $\pm$ 15	1.94dB@6GHz	3.10dB@16GHz	4.13dB@26.5GHz
1-2016663-0	1000 $\pm$ 15	1.39dB@6GHz	2.20dB@16GHz	2.95dB@26.5GHz
2016663-6	600 $\pm$ 10	0.95dB@6GHz	1.48dB@16GHz	2.01dB@26.5GHz

PC	1	DESCRIPTION	4
AR	MR	HEAT SHRINK TUBE	3
AR	MR	COAX CABLE, SOLID SPCCS 0.72MM, PTFE TAPE INSULATION, SPC TAPE OUTER CONDUCTOR 2.38MM, WITH ARMOR, PTFE WIRE BRAID JACKET 50OHM	2
2	PC	PC 3.5, MALE, STRAIGHT	1
Q'TY	UNIT	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 13AUG2019 Cedar Liu	TE Connectivity	
DIMENSIONS: mm		CHK 13AUG2019 Cedar Liu		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD - Roger Song	NAME RF CA, PC3.5 M TO PC3.5 M, 26.5GHz	
0 PLC $\pm$		PRODUCT SPEC -	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
1 PLC $\pm 0.1$		APPLICATION SPEC -	A3 00779 C-2016663	
2 PLC $\pm 0.01$		WEIGHT -	SCALE 1:3 SHEET 1 OF 1 REV 1	
3 PLC $\pm 0.001$		CUSTOMER DRAWING		
4 PLC $\pm 0.0001$				
ANGLES $\pm$				
MATERIAL TBD	FINISH -			
	finish_spec_2			