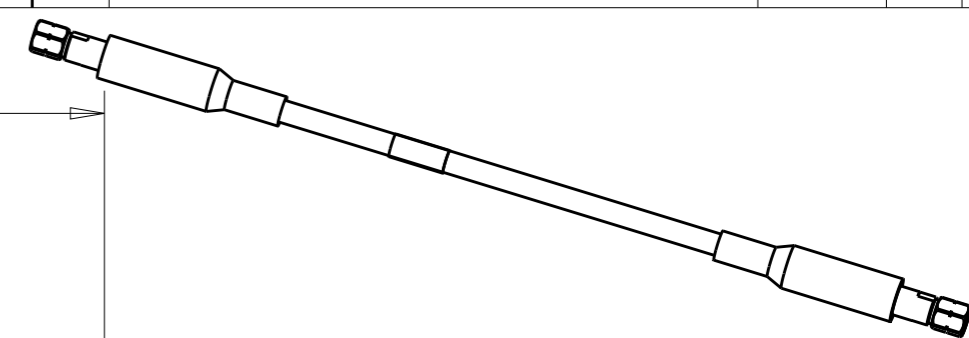
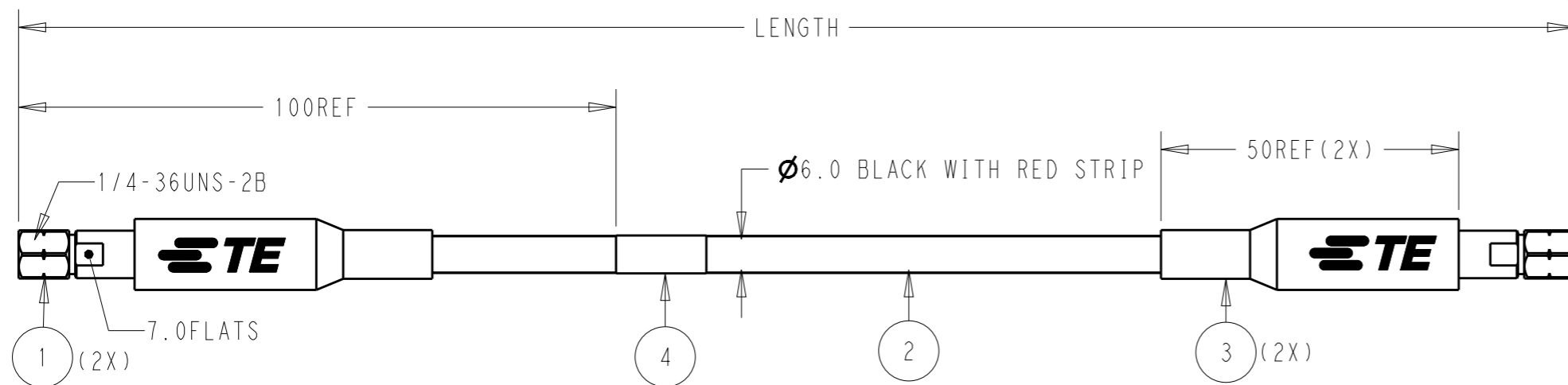


P	LTR	DESCRIPTION	DATE	DWN	APVD
1		INITIAL CREATED	23SEP2019	CL	RS



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 2.40 INTERFACE FOLLOW IEC60169-40
  - PRODUCT RATING:  
 TEMPERATURE: -40°C TO +85°C  
 CHARACTERISTIC IMPEDANCE: 50 OHMS Normal  
 FREQUENCY RANGE: DC TO 50GHz  
 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~50GHz  
 INSERT LOSS: REFER TO TABLE  
 MECHANICAL PHASE STABILITY: <math>\leq \pm 5^\circ</math>  
 MECHANICAL AMPLITUDE STABILITY: <math>\leq \pm 0.05\text{dB}</math>
  - CONNECTOR NEED COVER WITH CAP, PACKAGE FOLLOW TEC-107-115

PART NUMBER	LENGTH	INSERTION LOSS(MAX)		
1-2016661-5	1500±15	1.94dB@6GHz	3.93dB@26.5GHz	5.44dB@50GHz
1-2016661-0	1000±15	1.39dB@6GHz	2.75dB@26.5GHz	3.79dB@50GHz
2016661-6	600±10	0.95dB@6GHz	1.81dB@26.5GHz	2.47dB@50GHz

Q'TY	UNIT	DESCRIPTION	ITEM
1	PC	PC 2.40, MALE, STRAIGHT	1
1	MR	HEAT SHRINK TUBE	3
1	MR	COAX CABLE, SOLID SPCCS 0.72MM, PTFE TAPE INSULATION, SPC TAPE OUTER CONDUCTOR 2.38MM, WITH ARMOR, PTFE WIRE BRAID JACKET 50OHM	2
1	PC	PC 2.40, MALE, STRAIGHT	4

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 13AUG2019 Cedar Liu		<b>TE</b> TE Connectivity	
DIMENSIONS: mm		CHK 20AUG2019 Roger Song			
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RF CA, PC2.4 M TO PC2.4 M, 50GHz	
		0 PLC ±- 1 PLC ±0.1 2 PLC ±0.01 3 PLC ±0.001 4 PLC ±0.0001 ANGLES ±-		PRODUCT SPEC -	
MATERIAL TBD		FINISH -		APPLICATION SPEC -	
-		finish_spec_2		WEIGHT -	
		CUSTOMER DRAWING		SIZE A3 CAGE CODE 00779 DRAWING NO C-2016661 RESTRICTED TO	
				SCALE 1:2 SHEET 1 OF 1 REV 1	