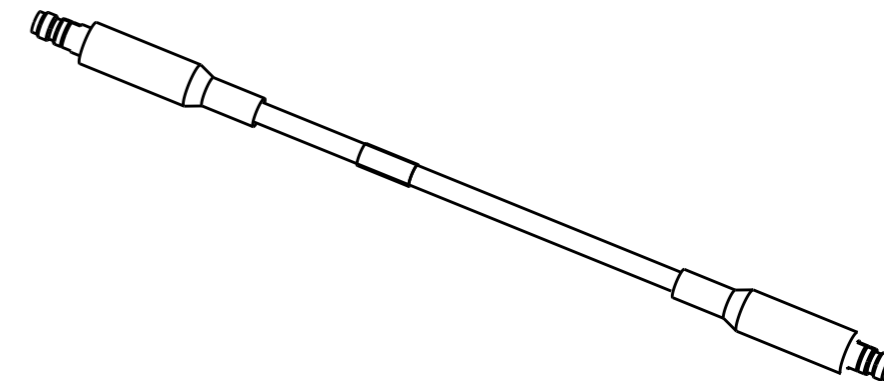
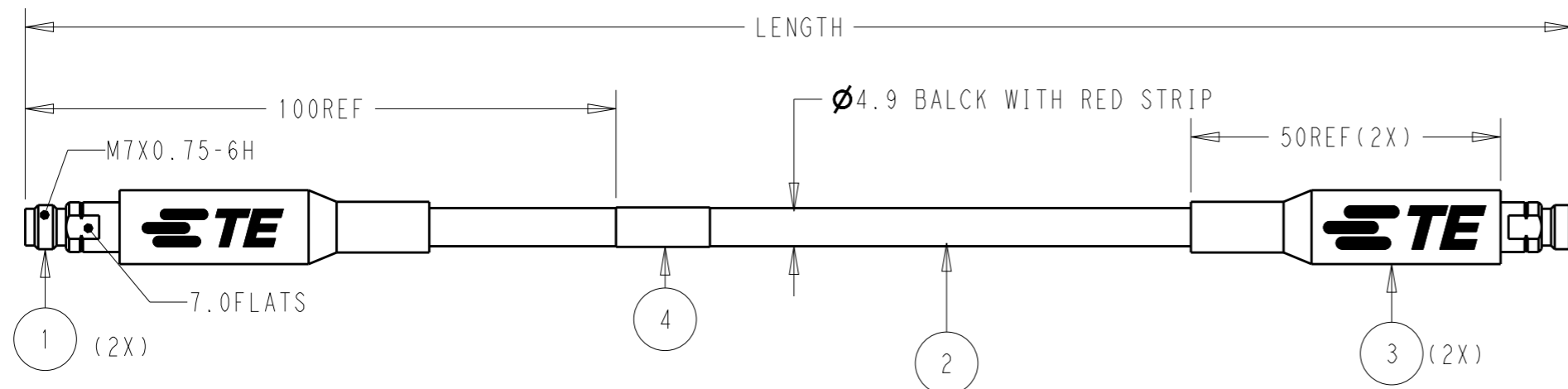


P	LTR	DESCRIPTION	DATE	DWN	APVD
1		INITIAL CREATED	23SEP2019	CL	RS



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 1.85 INTERFACE FOLLOW IEC60169-32
  - PRODUCT RATING:  
 TEMPERATURE: -40°C TO +85°C  
 CHARACTERISTIC IMPEDANCE: 50 OHMS Normal  
 FREQUENCY RANGE: DC TO 67GHz  
 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~67GHz  
 INSERT LOSS: REFER TO TABLE  
 MECHANICAL PHASE STABILITY: <math>\lt; \pm 5^\circ</math>  
 MECHANICAL AMPLITUDE STABILITY: <math>\lt; \pm 0.05\text{dB}</math>
  - CONNECTOR NEED COVER WITH CAP, PACKAGE FOLLOW TEC-107-115

PART NUMBER	LENGTH	INSERTION LOSS(MAX)		
1-2016659-5	1500±15	2.96dB@6GHz	4.71dB@18GHz	9.83dB@67GHz
1-2016659-0	1000±15	2.10dB@6GHz	3.27dB@18GHz	6.82dB@67GHz
2016659-6	600±10	1.36dB@6GHz	2.12dB@18GHz	4.41dB@67GHz

PC	1	LABEL	4
MR	AR	HEAT SHRINK TUBE	3
MR	AR	COAX CABLE, SOLID SPCCS 0.51MM, PTFE TAPE INSULATION, SPC TAPE OUTER CONDUCTOR 1.76MM, WITH ARMOR, PTFE WIRE BRAID JACKET 500HM	2
PC	2	PC 1.85, FEMALE, STRAIGHT	1
UNIT	Q'TY	DESCRIPTION	ITEM

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:		APVD - Roger Song	NAME RF CA, PC1.85 F TO PC1.85 F, 67GHz	
0 PLC ±-		PRODUCT SPEC -	-	
1 PLC ±0.1		APPLICATION SPEC -	-	
2 PLC ±0.01		WEIGHT -	SIZE A3	CAGE CODE 00779
3 PLC ±0.001		FINISH -	DRAWING NO C-2016659	
4 PLC ±0.0001			RESTRICTED TO	
ANGLES ±-		MATERIAL TBD	SCALE 1:2	
finish_spec_2		CUSTOMER DRAWING		SHEET 1 OF 1
				REV 1