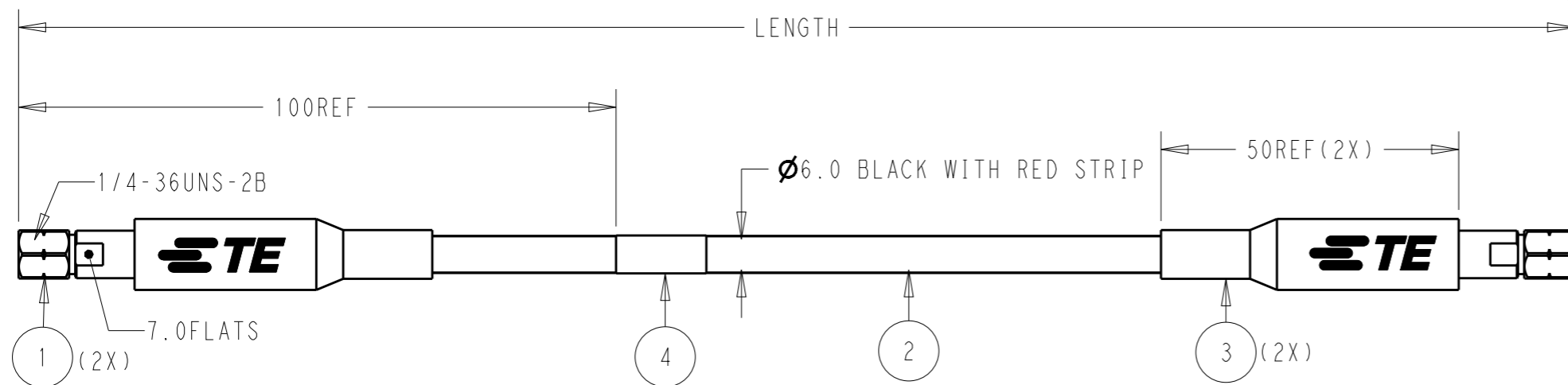


P	LTR	DESCRIPTION	DATE	DWN	APVD
1		INITIAL CREATED	23SEP2019	CL	RS



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: $\leq \pm 5^\circ$
MECHANICAL AMPLITUDE STABILITY: $\leq \pm 0.05\text{dB}$
 - 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	HEAT SHRINK TUBE	4
MR	AR	COAX CABLE, SOLID SPCCS 0.72MM, PTFE TAPE INSULATION, SPC TAPE OUTER CONDUCTOR 2.38MM, WITH ARMOR, PTFE WIRE BRAID JACKET 50OHM	3
MR	AR	PC 2.40, MALE, STRAIGHT	2
PC	2	PC 2.40, MALE, STRAIGHT	1

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