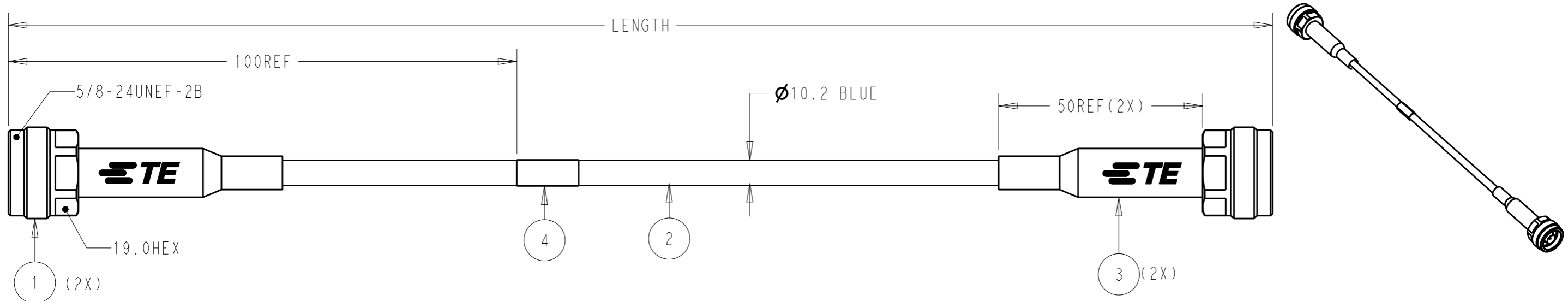


P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	INITIAL CREATED	23SEP2019	CL	RS
	1	INITIAL CREATED	23SEP2019	CL	RS



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 N-TYPE INTERFACE FOLLOW IEC60169-16
 - 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: $\pm 5^\circ$
 MECHANICAL AMPLITUDE STABILITY: $\pm 0.1\text{dB}$
 - CONNECTOR NEED COVER WITH CAP, PACKAGE FOLLOW TEC-107-115

PART NUMBER	LENGTH	INSERTION LOSS(MAX)	
1-2016658-5	1500±15	1.98dB@6GHz	3.96dB@18GHz
1-2016658-0	1000±15	1.42dB@6GHz	2.94dB@18GHz
2016658-6	600±10	0.97dB@6GHz	1.94dB@18GHz

PC	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, WITH ARMOR, PUR JACKET, 50OHM, BLUE	2
PC	2	PC N-TYPE, 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:		NAME RF CA, PC N M TO PC N M, 18GHz	
		0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.01 3 PLC ±0.001 4 PLC ±0.0001 ANGLES ±		PRODUCT SPEC -	
MATERIAL TBD		FINISH -		SIZE A3	
-		finish_spec_2		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C-2016658	
				RESTRICTED TO	
				SCALE 1:3	
				SHEET 1 OF 1	
				REV 1	

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