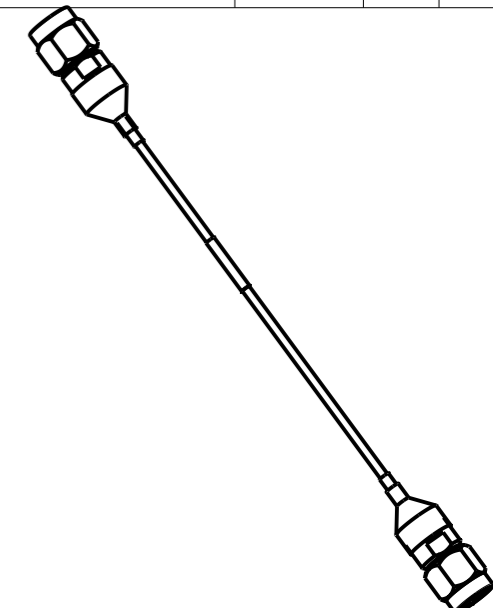
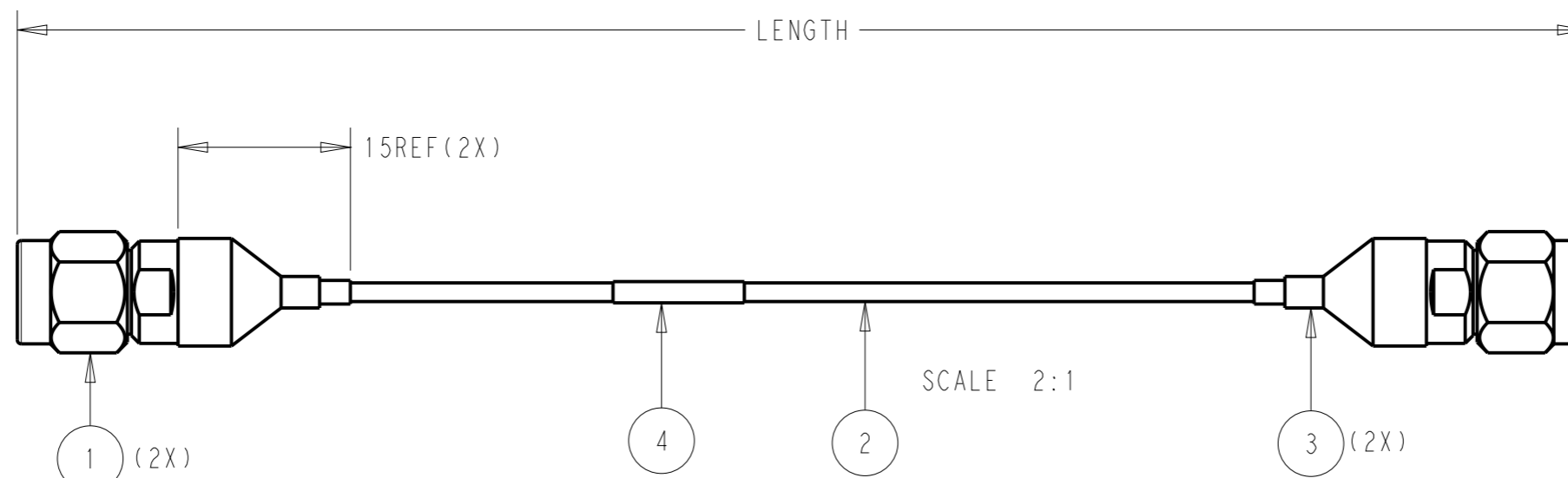


P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL CREATED	30MAR2021	CL	WH



PART NUMBER	LENGTH
2-2016753-0	2000±10
1-2016753-5	1500±10
1-2016753-0	1000±10
2016753-9	350±5
2016753-8	250±3
2016753-7	150±3
2016753-6	50±3
2016753-5	500±5
2016753-4	400±5
2016753-3	300±4
2016753-2	200±3
2016753-1	100±3

- NOTES:
- MATERIAL AND PROCESSING MUST MEET REQUIREMENTS OF TEC-138-702
 - MATERIAL CHARACTERISTIC
 SMA CONN: INNER CONTACT: BeCu, 30MICRO-INCH MIN GOLD PLATING
 OUTER BODY: STAINLESS STEEL, PASSIVATION
 OTHER: BRASS
 CABLE: 0.047" FLEXIBLE CABLE, BLUE
 - PRODUCT RATING:
 TEMPERATURE: -45°C TO +125°C
 VOLTAGE: 500V (RMS)
 CHARACTERISTIC IMPEDANCE: 50 OHMS (NORMAL)
 FREQUENCY RANGE: DC TO 27GHz
 BEND RADIUS: 5MM MIN (REPEATED)
 - CABLE ASSEMBLY TO BE 100% SI TESTED
 VSWR: 1.25:1 MAX @ DC~27000MHz
 INSERT LOSS: $\{[0.033 * \text{SQRT}(f) + 0.000039 * f] * \text{LENGTH} + 0.015f / 1000\}$ dB (TYPICAL)
 LENGTH UNIT IS METER IN THE FORMULA. f IS FREQUENCY IN MHZ

PC	1	LABEL	4
MR	AR	HEAT SHRINK TUBE BLACK	3
MR	AR	CABLE EPC-047, 27GHz, FLEX, BLUE	2
PC	2	SMA PLUG, 27GHz, FOR EPC-047	1
UNIT	Q'TY	DESCRIPTION	ITEM

- CONNECTOR FOLLOW IEC 60169-15
- CABLE ASSEMBLY CAN MEET MECHANICAL
 COUPLING TORQUE(NORMAL): 0.8~1.1N.M
 TENSILE STRENGTH OF COUPLING: 180N MIN
 CABLE PULLING: 50N MIN
- LABEL WILL MARK PN, NAME, YEAR AND WEEK
- CONNECTOR BE PROTECTED WITH CAP

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 23DEC2020 Cedar Liu		
DIMENSIONS: mm		CHK 23DEC2020 Roger Song		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD - Wenke He	NAME EP-SMA, 27GHz STRAIGHT MALE-MALE WITH EPC-047 FLEXIBLE	
0 PLC ±-		PRODUCT SPEC -	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
1 PLC ±0.1		APPLICATION SPEC -	A3 00779 C-2016753	
2 PLC ±0.01		WEIGHT -	SCALE 1:1 SHEET 1 OF 1 REV A	
3 PLC ±0.001		CUSTOMER DRAWING		
4 PLC ±0.0001				
ANGLES ±-				
MATERIAL TBD				
FINISH -				
finish_spec_2				