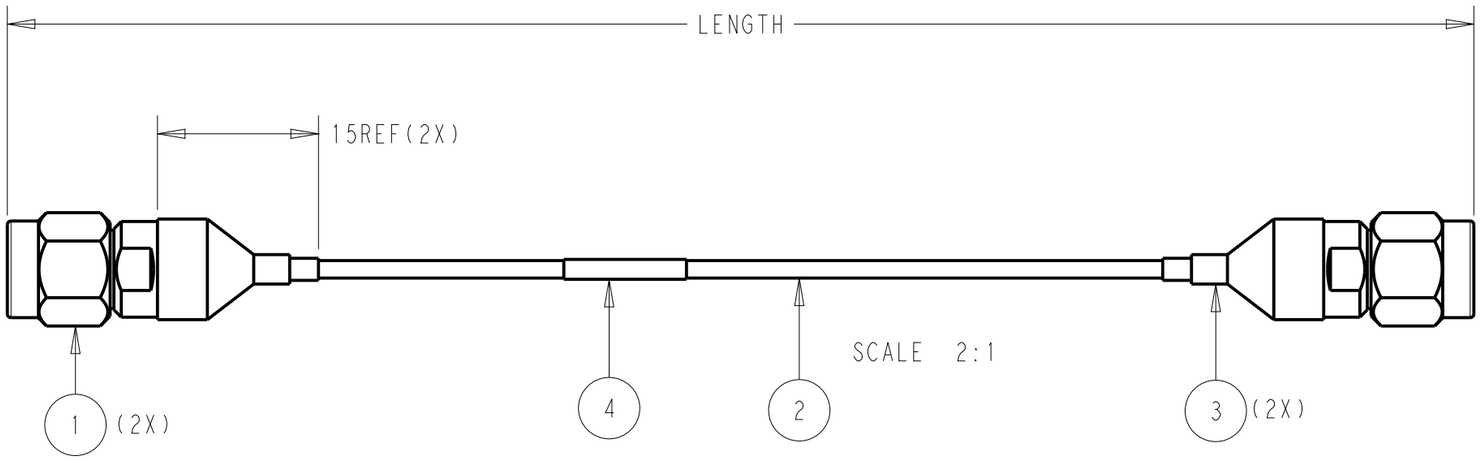
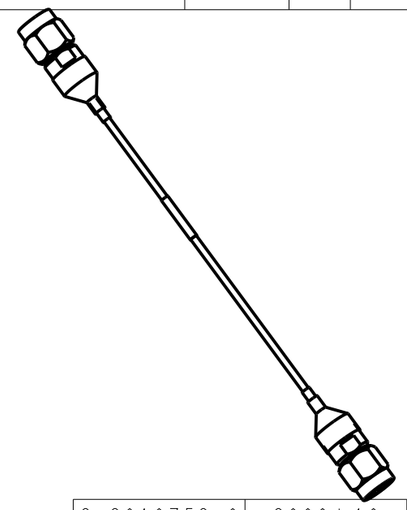
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REVISIONS

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





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
PART NUMBER	LENGTH

NOTES:
1. MATERIAL AND PROCESSING MUST MEET REQUIREMENTS OF TEC-138-702
2. 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
3. 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)
4. CABLE ASSEMBLY TO BE 100% SI TESTED
   VSWR: 1.25:1 MAX @ DC~27000MHz
   INSERT LOSS: {[0.033*SQRT(f)+0.000039*f]*LENGTH+0.015f/1000}dB (TYPICAL)
   LENGTH UNIT IS METER IN THE FORMULA.f IS FREQUENCY IN MHz
5. CONNECTOR FOLLOW IEC 60169-15
6. CABLE ASSEMBLY CAN MEET MECHANICAL
   COUPLING TORQUE(NORMAL): 0.8~1.1N.M
   TENSILE STRENGTH OF COUPLING: 180N MIN
   CABLE PULLING: 50N MIN
7. LABEL WILL MARK PN,NAME,YEAR AND WEEK
8. CONNECTOR BE PROTECTED WITH CAP

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.1
2 PLC ±0.01
3 PLC ±0.001
4 PLC ±0.0001
ANGLES ±-

MATERIAL: TBD -

FINISH: - finish_spec_2

DWN Cedar Liu 23DEC2020
CHK Roger Song 23DEC2020
APVD Wenke He -
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME: EP-SMA,27GHz STRAIGHT MALE-MALE WITH EPC-047 FLEXIBLE -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2016753	-

CUSTOMER DRAWING

SCALE 1:1 SHEET 1 OF 1 REV A