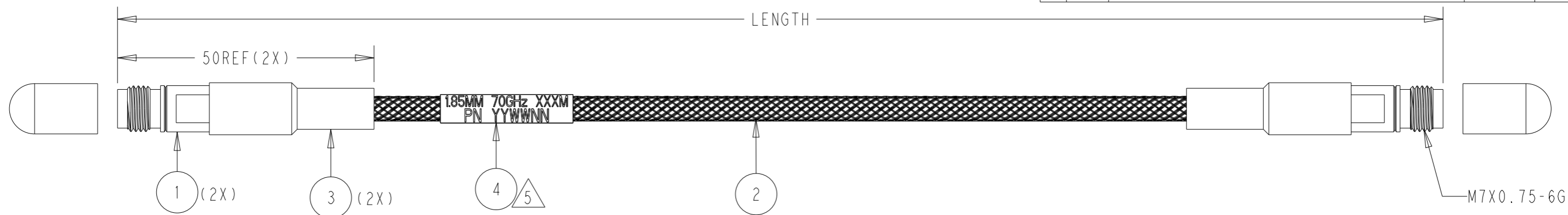


P	LTR	DESCRIPTION	DATE	DWN	APVD



NOTES:

- MATERIAL AND PROCESSING MUST MEET REQUIREMENTS OF TEC-138-702
- MATERIAL CHARACTERICAL
CONNECTOR: IEEE287 GPC 1.85 INTERFACE
CABLE: ARMOR FLEXIBLE CABLE
- PRODUCT RATING:
TEMPERATURE: -55°C TO +125°C
CHARACTERISTIC IMPEDANCE: 50 OHMS NORMAL
FREQUENCY RANGE: DC TO 70GHz
DURABILITY(CONNECTOR): NO LESS THAN 500 TIMES
BEND RADIUS: 60MM MIN(REPEATED)
- CABLE ASSEMBLY CAN MEET ELECTRICAL CHARACTERISTIC
RETURN LOSS: -17.5dB MAX @ DC~70GHz
INSERT LOSS(MAX): SEE LABEL
MECHANICAL PHASE STABILITY:
AROUND A 120MM DIAMETER MANDREL) $\lt; \pm 10^\circ \text{ @ DC~70GHz (WHEN CABLE WRAPPED 360}^\circ$
INSERTION LOSS STABILITY:
AROUND A 120MM DIAMETER MANDREL) $\lt; \pm 0.10\text{dB @ DC~70GHz (WHEN CABLE WRAPPED 360}^\circ$
- MARKING CONTENT SHOULD BE "1.85 70GHz XXXM TE PN YYWNNN", WHERE XXXM IS LENGTH (EXAMPLE: 0.3M), YY IS YEAR, WW IS WEEK, NNN IS SERIAL NUMBER

2-2016488-0	2000±10MM	-13.00dB MIN@70GHz
1-2016488-5	1500±5MM	-10.00dB MIN@70GHz
1-2016488-2	1220±5MM	-8.32dB MIN@70GHz
1-2016488-0	1000±5MM	-7.00dB MIN@70GHz
2016488-9	910±3MM	-6.46dB MIN@70GHz
2016488-6	610±3MM	-4.66dB MIN@70GHz
2016488-3	305±3MM	-2.83dB MIN@70GHz
TE PN	LENGTH	INSERTION LOSS

1.85MM 70GHz 0.3M
2016488-3 YYWNNN

- CONNECTOR NEED INSTALL WITH CAP, PACKAGE FOLLOW TEC-107-115
- PACKAGE FOLLOW TE PN:619623-1
- ALL CABLE ASSEMBLY PERFORMANCE CAN MEET TE 108-160080
- OPERATION FOLLOW 114-160147

PC	1	MARKING TUBE, WHITE	4
MR	AR	HEAT SHRINK TUBE, BLACK	3
MR	AR	COAX CABLE, SOLID SPCCS 0.51MM, PTFE TAPE INSULATION, SPC TAPE OUTER CONDUCTOR 1.76MM, WITH ARMOR, PTFE WIRE BRAID JACKET 50OHM	2
PC	2	GPC 1.85, FEMALE, STRAIGHT	1
UNIT	Q'TY	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 27AUG2020 Cedar Liu														
DIMENSIONS: mm		CHK 30AUG2020 Cedar Liu														
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 11JAN2022 Wenke He	NAME HF CA, 1.85 JACK TO JACK, 70GHz													
<table border="1"> <tr> <td>0 PLC</td> <td>±-</td> </tr> <tr> <td>1 PLC</td> <td>±0.5</td> </tr> <tr> <td>2 PLC</td> <td>±0.13</td> </tr> <tr> <td>3 PLC</td> <td>±0.013</td> </tr> <tr> <td>4 PLC</td> <td>±0.0001</td> </tr> <tr> <td>ANGLES</td> <td>±-</td> </tr> </table>		0 PLC	±-	1 PLC	±0.5	2 PLC	±0.13	3 PLC	±0.013	4 PLC	±0.0001	ANGLES	±-	PRODUCT SPEC	RESTRICTED TO	
0 PLC	±-															
1 PLC	±0.5															
2 PLC	±0.13															
3 PLC	±0.013															
4 PLC	±0.0001															
ANGLES	±-															
MATERIAL TBD		APPLICATION SPEC	SIZE A3	CAGE CODE 00779												
FINISH -		WEIGHT -	DRAWING NO C-2016488													
finish_spec_2		CUSTOMER DRAWING	SCALE 1:2	SHEET 1 OF 1												
			REV A1													