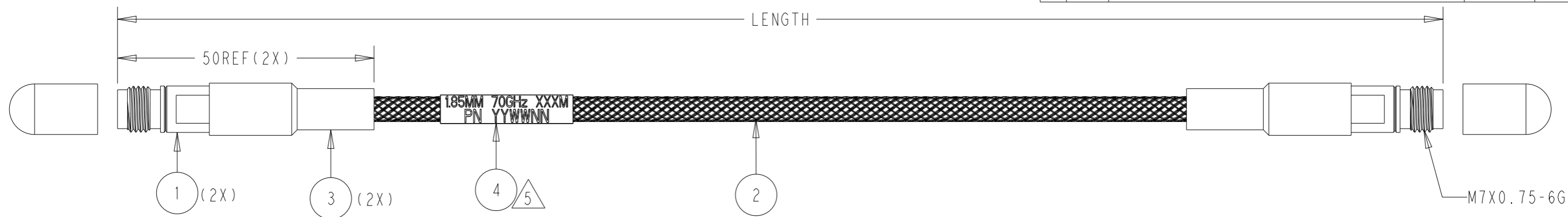


P	LTR	DESCRIPTION	DATE	DWN	APVD



NOTES:

- MATERIAL AND PROCESSING MUST MEET REQUIREMENTS OF TEC-138-702
- MATERIAL CHARACTERAL 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: <math>\lt; \pm 10^\circ \text{ @ DC~70GHz (WHEN CABLE WRAPPED } 360^\circ \text{ AROUND A } 120\text{MM DIAMETER MANDREL)}</math>  
INSERTION LOSS STABILITY: <math>\lt; \pm 0.10\text{dB @ DC~70GHz (WHEN CABLE WRAPPED } 360^\circ \text{ AROUND A } 120\text{MM DIAMETER MANDREL)}</math>
- 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	
		PRODUCT SPEC	-	
0 PLC ±- 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±-		APPLICATION SPEC	-	
MATERIAL TBD		WEIGHT -	SIZE A3	CAGE CODE 00779
FINISH -		CUSTOMER DRAWING	DRAWING NO C-2016488	RESTRICTED TO -
finish_spec_2		SCALE 1:2	SHEET 1 OF 1	REV A1