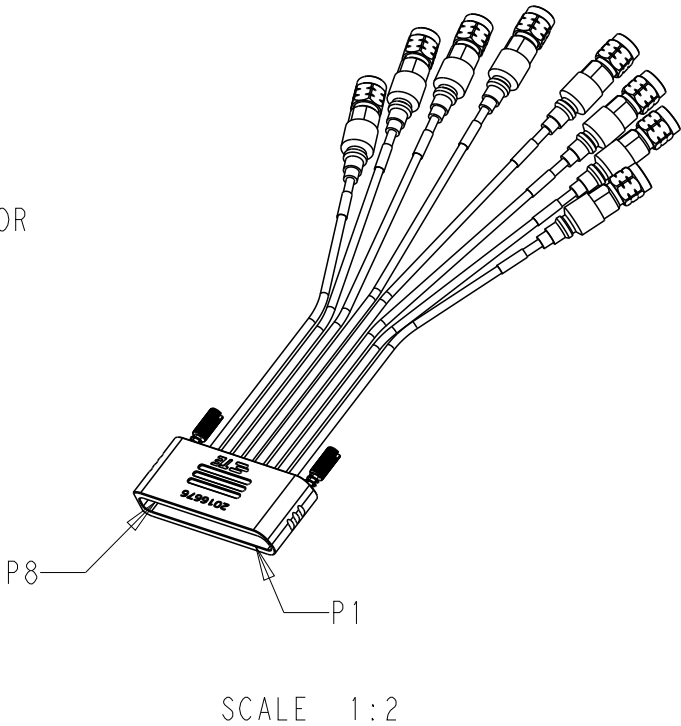
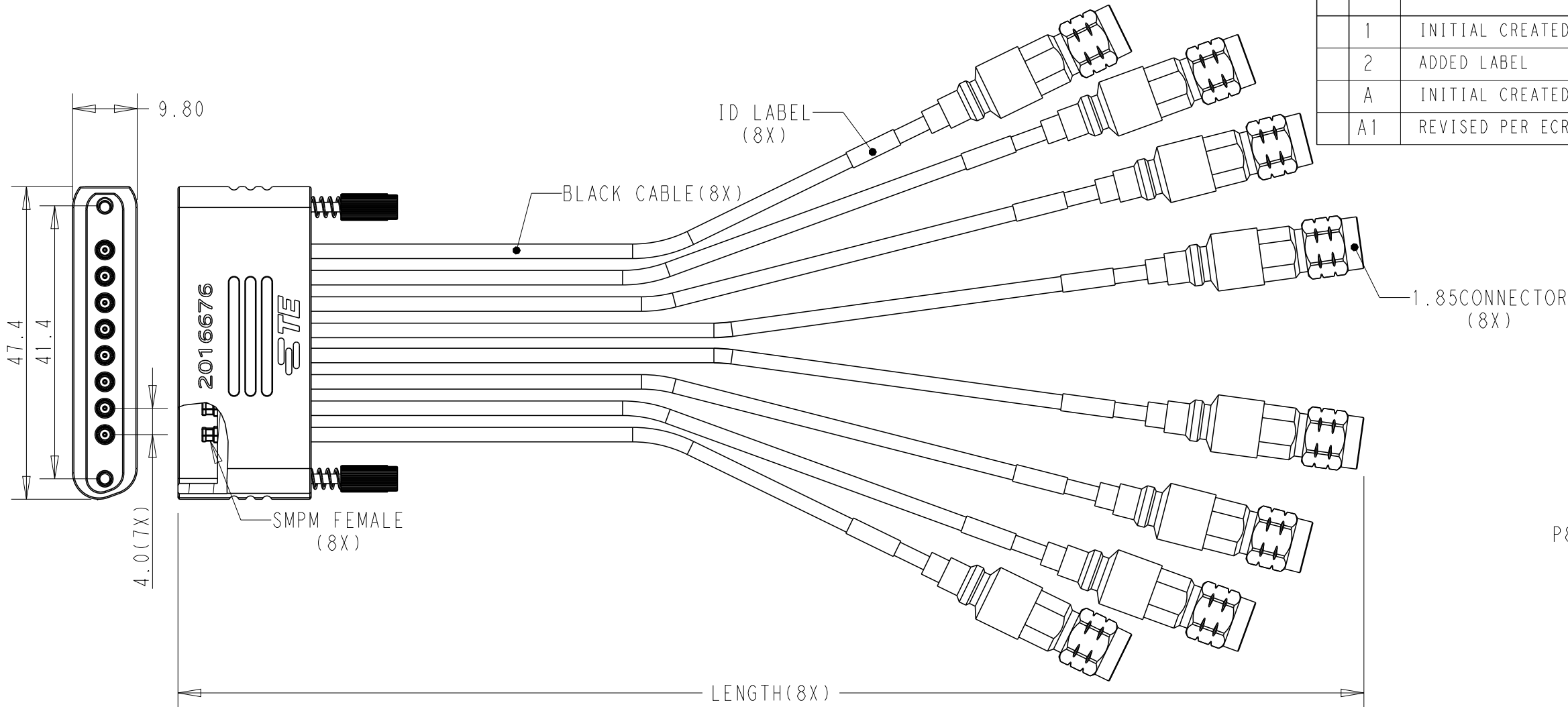


P	LTR	DESCRIPTION	DATE	DWN	APVD
1		INITIAL CREATED	08MAR2020	CL	RS
2		ADDED LABEL	22APR2022	CL	WH
A		INITIAL CREATED	15MAY2022	CL	WH
A1		REVISED PER ECR-25-245067	27MAY2025	ED	WZ



NOTES:

- MATERIAL AND PROCESSING MUST MEET REQUIREMENTS OF TEC-138-702
- MATERIAL CHARACTER
1.85 CONNECOTR:
BODY & NUT: STAINLESS STEEL
CONTACT: BeCU GOLD PLATING
INSULATION: PEI
CABLE: HI-FLEXIBLE, BLACK
- PRODUCT RATING:
TEMPERATURE: -40°C TO +85°C
VOLTAGE: 175V (RMS)
CHARACTERISTIC IMPEDANCE: 50 OHMS Normal
FREQUENCY RANGE: DC TO 67GHz
DURABILITY: NO LESS THAN 100 CYCLES
CABLE RETENTION FORCE: 110N MIN
BEND RADIUS: 14MM MIN (STATIC)
35MM MIN(REPEATED)
- CABLE ASSEMBLY TO BE 100% SI TESTED
VSWR: 1.45:1 MAX @ DC~40GHz
1.60:1 MAX @ 40~67GHz
INSERT LOSS: REFER TO TABLE
- 1.85 CONNECTOR COUPLING TORQUE: 0.9±0.1Nm
- CONNECTOR NEED COVER WITH CAP, PACKAGE FOLLOW TEC-107-115
- MATE WITH 2081408-1(NEED SEPARATE TO BUY)

1-2016676-0	39.4±0.48INCH	1000±12mm	-7.7dB MIN@67GHz
2016676-9	36.0±0.48INCH	910±12mm	-7.1dB MIN@67GHz
2016676-8	31.5±0.48INCH	800±12mm	-6.4dB MIN@67GHz
2016676-7	27.6±0.40INCH	700±10mm	-5.8dB MIN@67GHz
2016676-6	24.0±0.40INCH	610±10mm	-5.2dB MIN@67GHz
2016676-5	19.7±0.36INCH	500±9mm	-4.5dB MIN@67GHz
2016676-4	15.7±0.32INCH	400±8mm	-3.8dB MIN@67GHz
2016676-3	12.0±0.32INCH	305±8mm	-3.2dB MIN@67GHz
2016676-2	7.9±0.28INCH	200±7mm	-2.7dB MIN@67GHz
2016676-1	6.0±0.24INCH	152±6mm	-2.3dB MIN@67GHz
TE PN	LENGTH		INSERTION LOSS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 08MAR2020 Cedar Liu			
		CHK 08MAR2020			
DIMENSIONS: mm		APVD 22APR2022	NAME 8IN1 CA, SMPM TO 1.85 UP TO 67GHz		
		PRODUCT SPEC	SIZE A3		
		APPLICATION SPEC			
MATERIAL TBD		WEIGHT	CAGE CODE 00779	DRAWING NO C-2016676	RESTRICTED TO
		CUSTOMER DRAWING	SCALE 1:2	SHEET 1 OF 2	REV A1

4

3

2

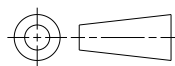
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

					STOCK DISPOSITION:(CHOOSE LETTER FROM PARENTHESES)			
					A.CONTINUE AS IS		D.USE OLD FIRST	
					B.REWORK		E.PARTS TO CONFORM	
					C.SCRAP		F.OTHER	
					INVENTORY	WORK IN PROCESS	SUPPLIER ORDERS	OPEN CUST. ORDERS
					(A,B,C,D,E,F)	(A,B,C,F)	(A,E,F)	(A,E,F)
DATE	REV	CHANGES	REASON	APPROVAL				
16APR2022	2	ADDED LABEL	INITIAL CREATED	WenKe He	A	A	A	A
26MAY2025	A1	REVISED PER ECR-25-245067	DRAWING UPDATED	Will Zi	A	A	A	A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Cedar Liu 08MAR2020	 TE Connectivity				
DIMENSIONS: mm		CHK - 08MAR2020	NAME 8IN1 CA, SMPM TO 1.85 UP TO 67GHz -				
		APVD - 22APR2022					
		PRODUCT SPEC -					
		APPLICATION SPEC -					
MATERIAL TBD -	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.2 2 PLC ±0.02 3 PLC ±0.002 4 PLC ±0.0001 ANGLES ±-	WEIGHT - -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2016676	RESTRICTED TO -	
finish_spec_2		CUSTOMER DRAWING			SCALE 1:2	SHEET 2 OF 2	REV A1