


P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	INITIAL CREATED	12MAY2020	CL	WH
	A	INITIAL CREATED	15MAY2022	CL	WH



- NOTES:
- MATERIAL AND PROCESSING MUST MEET REQUIREMENTS OF TEC-138-702
 - MATERIAL CHARACTERISTICS:
 - 2.92 CONNECOTOR: NUT & BODY: STAINLESS STEEL
 - INSULATOR: PEI
 - CENTER CONTACT: Be-Cu, GOLD PLATING
 - SMPM CONNECTOR: HOOD AND BODY: Be-Cu, GOLD PLATING
 - INSULATOR: PEI
 - CENTER CONTACT: Be-Cu, GOLD PLATING
 - CABLE: SUPERFLEX
 - PRODUCT RATING:
 - TEMPERATURE: -45°C TO +85°C
 - VOLTAGE: 175V(RMS)
 - CHARACTERISTIC IMPEDANCE: 50 OHMS Normal
 - FREQUENCY RANGE: DC TO 40GHz
 - BEND RADIUS: 26MM MIN
 - CABLE ASSEMBLY TO BE 100% SI AND CONTINUITY TEST
 - VSWR: 1.40:1 MAX @ DC~40GHz
 - INSERT LOSS: REFERT TO TABLE
 - HI-POT: 500V DC
 - 2.92 COUPLING TORQUE: 0.8±0.2Nm
 - LABEL WILL PRINT P/N, VENDOR NAME, WWYY(WEEK AND YEAR)
 - CABLE ASSEMBLY MEET IPC620 CLASS 3

2016689-1	127.0±3MM	5±0.10 INCH	1.22dB
2016689-2	254.0±5MM	10±0.20 INCH	2.24dB
2016689-3	304.8±5MM	12±0.20 INCH	2.65dB
2016689-6	610.0±6MM	24±0.25 INCH	5.11dB
2016689-9	910.0±7MM	36±0.30 INCH	7.52dB
1-2016689-0	1000±8MM	39.4±0.30 INCH	8.25dB
1-2016689-2	1220±10MM	48±0.40 INCH	10.02dB
1-2016689-5	1500±10MM	59.1±0.10 INCH	12.27dB
2-2016689-0	2000±15MM	78.7±0.59 INCH	16.29dB
PN	LENGTH		INSERTION LOSS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Cedar Liu 28JAN2019	 TE Connectivity NAME 40GHz CA, SMPM TO 2.92, M-M					
DIMENSIONS: mm		CHK Cedar Liu 29JAN2019						
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.1 2 PLC ±0.01 3 PLC ±0.001 4 PLC ±0.0001 ANGLES ±-		APVD Wenke He 13FEB2019						
MATERIAL TBD		FINISH -	PRODUCT SPEC -	APPLICATION SPEC -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2016689	RESTRICTED TO -
-		finish_spec_2	CUSTOMER DRAWING		SCALE 1:1	SHEET 1 OF 1	REV A	