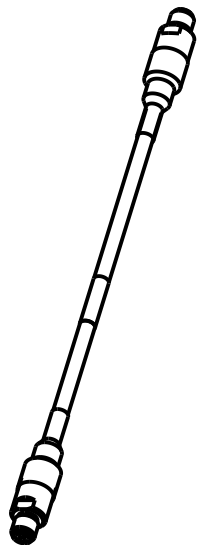
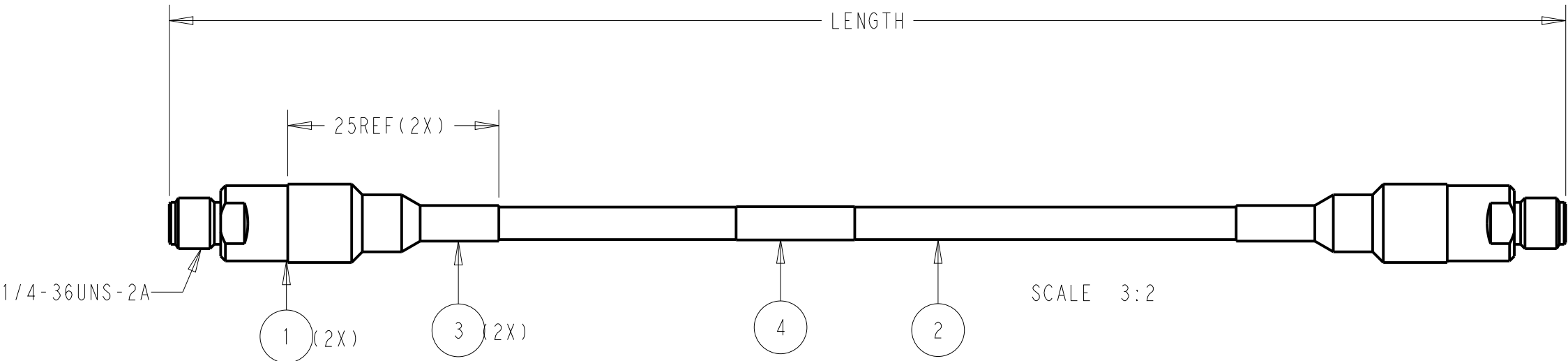


P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL CREATED	30MAR2021	CL	WH



- NOTES:
- MATERIAL AND PROCESSING MUST MEET REQUIREMENTS OF TEC-138-702
 - MATERIAL CHARACTERISTIC
SMA CONN: INNER CONTACT:BeCu,30MICRO-INCH MIN GOLD PLATING
OUTER BODY: STAINLESS,PASSIVATION
OTHER: BRASS
CABLE: RG402 (.141) FLEXIBLE CABLE,BLUE
 - PRODUCT RATING:
TEMPERATURE: -45°C TO +125°C
VOLTAGE: 500V (RMS)
CHARACTERISTIC IMPEDANCE: 50 OHMS (NORMAL)
FREQUENCY RANGE: DC TO 27GHz
BEND RADIUS: 25MM MIN (REPEATED)
 - CABLE ASSEMBLY TO BE 100% SI TESTED
VSWR: 1.25:1 MAX @ DC~27000MHz
INSERT LOSS: {[0.0108*SQRT(f)+0.000039*f]*LENGTH+0.015f/1000} dB (TYPICAL)
LENGTH UNIT IS METER IN THE FORMULA.f IS FREQUENCY IN MHZ
 - CONNECTOR FOLLOW IEC 60169-15
 - CABLE ASSEMBLY CAN MEET MECHANICAL
COUPLING TORQUE(NORMAL): 0.8~1.1N.M
TENSILE STRENGTH OF COUPLING: 180N MIN
CABLE PULLING: 180N MIN
 - LABEL WILL MARK PN,NAME,YEAR AND WEEK
 - CONNECTOR BE PROTECTED WITH CAP

SCALE 1:2

2-2016750-0	2000±10
1-2016750-5	1500±10
1-2016750-0	1000±10
2016750-9	350±5
2016750-8	250±3
2016750-7	150±3
2016750-6	50±3
2016750-5	500±5
2016750-4	400±5
2016750-3	300±4
2016750-2	200±3
2016750-1	100±3
PART NUMBER	LENGTH

PC	1	LABEL	4
MR	AR	HEAT SHRINK TUBE BLACK	3
MR	AR	EPC-141 CABLE,27GHz,FLEX,BLUE	2
PC	2	SMA SOCKET,27GHz,SS,FOR EPC-141	1
UNIT	Q'TY	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09DEC2020 Cedar Liu	TE Connectivity			
		CHK 09DEC2020 Roger Song				
DIMENSIONS: mm		APVD - Wenke He	NAME EP-SMA,27GHz, F-F, RG402/.141, FLEX			
		PRODUCT SPEC -	-			
		APPLICATION SPEC -	-			
MATERIAL TBD	FINISH -	WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2016750	RESTRICTED TO -
- finish_spec_2		CUSTOMER DRAWING		SCALE 1:1	SHEET 1 OF 1	REV A