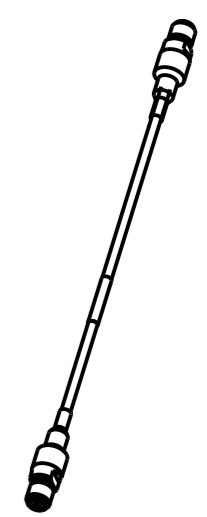
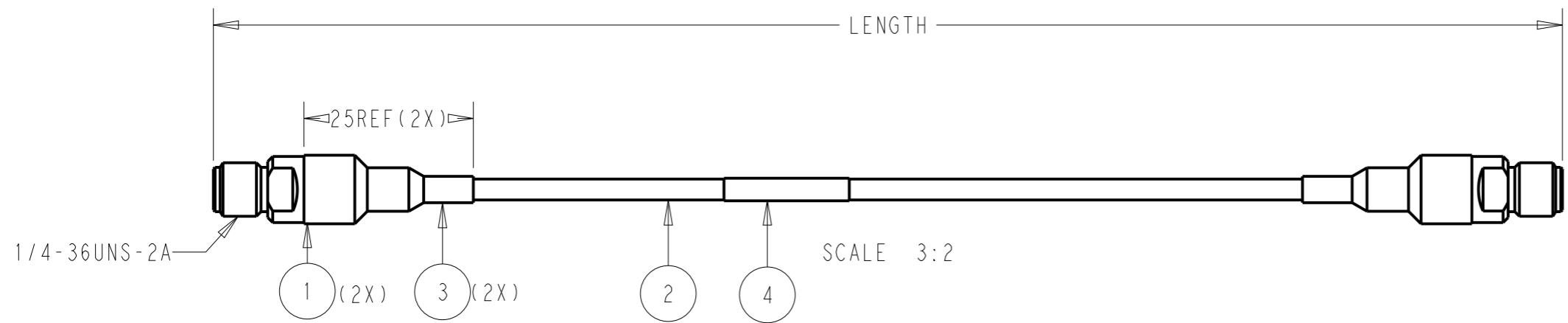


P	LTR	DESCRIPTION	DATE	DWN	APVD



SCALE 1:2

THIS PRINT IS  
**PRELIMINARY**  
UNQUALIFIED PRODUCT  
CONTACT PRODUCT ENGINEERING  
BEFORE USING THIS PRINT

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 STEEL, PASSIVATION  
OTHER: BRASS  
CABLE: RG405 (.086) FLEXIBLE CABLE, BLUE
- PRODUCT RATING:  
TEMPERATURE: -55°C TO +125°C  
VOLTAGE: 500V (RMS)  
CHARACTERISTIC IMPEDANCE: 50OHMS (NORMAL)  
FREQUENCY RANGE: DC TO 27GHz  
BEND RADIUS: 12MM MIN (REPEATED)
- CABLE ASSEMBLY TO BE 100% SI TESTED  
VSWR: 1.25:1 MAX @ DC~27000MHZ  
INSERT LOSS:  $\{[0.0207*\text{SQRT}(f)+0.000039*f]*\text{LENGTH}+0.015f/1000\}$ 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: 90N MIN
- LABEL WILL MARK PN, NAME, YEAR AND WEEK

2-2016759-0	2000±10
1-2016759-5	1500±10
1-2016759-0	1000±10
2016759-9	350±5
2016759-8	250±3
2016759-7	150±3
2016759-6	50±3
2016759-5	500±5
2016759-4	400±5
2016759-3	300±4
2016759-2	200±3
2016759-1	100±3
PART NUMBER	LENGTH

UNIT	Q'TY	DESCRIPTION	ITEM
PC	1	LABEL	4
MR	AR	HEAT SHRINK TUBE BLACK	3
MR	AR	EPC-086 CABLE, 27GHz, FLEX, BLUE	2
PC	2	SMA PLUG, 27GHZ, FOR EPC-086	1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09DEC2020 Cedar Liu		
DIMENSIONS: mm		CHK 09DEC2020 Roger Song		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD - Wenke He	NAME EP-SMA, 27GHz F-F, RG405(.086) FLEX	
0 PLC ±-		PRODUCT SPEC -	-	
1 PLC ±0.1		APPLICATION SPEC -	-	
2 PLC ±0.01		WEIGHT -	-	
3 PLC ±0.001		RESTRICTED TO	SIZE A3	CAGE CODE 00779
4 PLC ±0.0001			DRAWING NO C-2016759	
ANGLES ±-				
MATERIAL TBD	FINISH -	RESTRICTED CUSTOMER		
	finish_spec_2	SCALE 1:1	SHEET 1 OF 1	REV 1