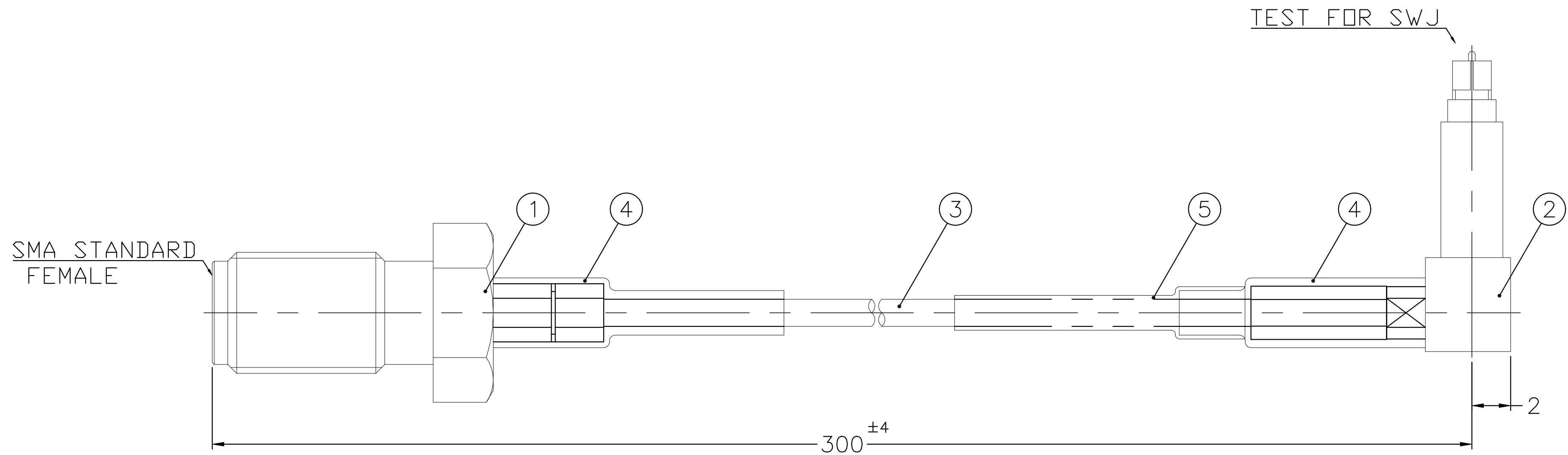


NOTES:

- 1 PACK IN ACCORDANCE WITH TE SPEC 107-3275;
2 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE
3 ONLY UNLESS OTHERWISE STATED;
4 RoHS: COMPLIANT.

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GTP PER ECN-24-273357	02JUL2024	ED	WH



SPECIFICATIONS:

1. IMPEDANCE: 50Ω
2. FREQUENCY: DC to 6 GHz
3. VSWR/RL: 1.8 max./ 10.88dB min.@DC~3GHz
2.1 max./ 9dB min.@3~6GHz
4. INSERTION LOSS: 1.4dB max.@DC~3GHz
2.4dB max.@3~6GHz
5. CONTACT RESISTANCE:
CENTER: 70 milliohms max.
6. TEMPERATURE RANGE: -40°C TO +85°C
7. DURABILITY: 2000 cycles min.
8. ENGAGEMENT AND DISENGAGEMENT FORCE: (PROBE SIDE ONLY)
ENGAGEMENT: 30 N max.
DISENGAGEMENT: 5 N min.
20 N max.
9. CONNECTOR A: SMA CRIMP JACK
CENTER CONTACT: BERYLLIUM COPPER/3 MICROINCHES GOLD PLATED
OVER NICKEL UNDERPLATED OVER COPPER UNDERPALTED
INSULATOR: PTFE
BODY: BRASS/100 MICROINCHES NICKEL PLATED OVER COPPER UNDERPALTED
10. CONNECTOR B: PROBE R/A CRIMP PLUG
CENTER CONTACT: BERYLLIUM COPPER/30 MICROINCHES GOLD PLATED
OVER NICKEL UNDERPLATED OVER COPPER UNDERPALTED
INSULATOR: PTFE
BODY: BERYLLIUM COPPER/30 MICROINCHES GOLD PLATED
OVER NICKEL UNDERPLATED OVER COPPER UNDERPALTED
SHELL: BERYLLIUM COPPER/100 MICROINCHES NICKEL PLATED OVER COPPER

TEPN	L(mm)	IL(MAX)	VSWR
2478577-1	300±4	/	/

		1	PC	/	HEAT SHRINK TUBING	5
		2	PC	/	HEAT SHRINK TUBING WITH GLUE	4
		292	MM	/	CABLE,GRAY,1.32MM	3
		1	PC	/	PROBE R/A CRIMP PLUG	2
		1	PC	/	SMA CRIMP JACK	1
		-1	U/N	TEPN	DESCRIPTION	ITEM

QUANTITY PER ASSY				PARTS LIST			
COLLED DOCUMENT.		DWN	07DEC2023		 TE Connectivity		
		CHK	07DEC2023				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		ED	07DEC2023		SMA-PROBE CABLE TEST FOR SWJ,DC-6GHz —		
		APVD	07DEC2023				
		NAME					
		PRODUCT SPEC					
		APPLICATION SPEC					
± 5				SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
± —				A2	00779	C-2478577	—
± —							
± —							
± —							
± — ± 5'							
—		WEIGHT —					
CUSTOMER DRAWING				SCALE	8.1	SHEET	1 of 1
				REV Δ			