

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE
ONLY UNLESS OTHERWISE STATED RoHS: COMPLIANT.

ELECTRICAL SPECIFICATIONS:

IMPEDANCE: 50Ω
FREQUENCY: DC to 18GHz
VOLTAGE RATING: 500 V (rms)
DIELECTRIC WITHSTANDING VOLTAGE: >750V
INSULATION RESISTANCE: >5000mΩ
VSWR: <1.14 @ DC-18GHz
PRODUCT WEIGHT: 2.985g

CONTACT RESISTANCE:

CENTER: <2.0 milliohms.
OUTER: <2.0 milliohms.

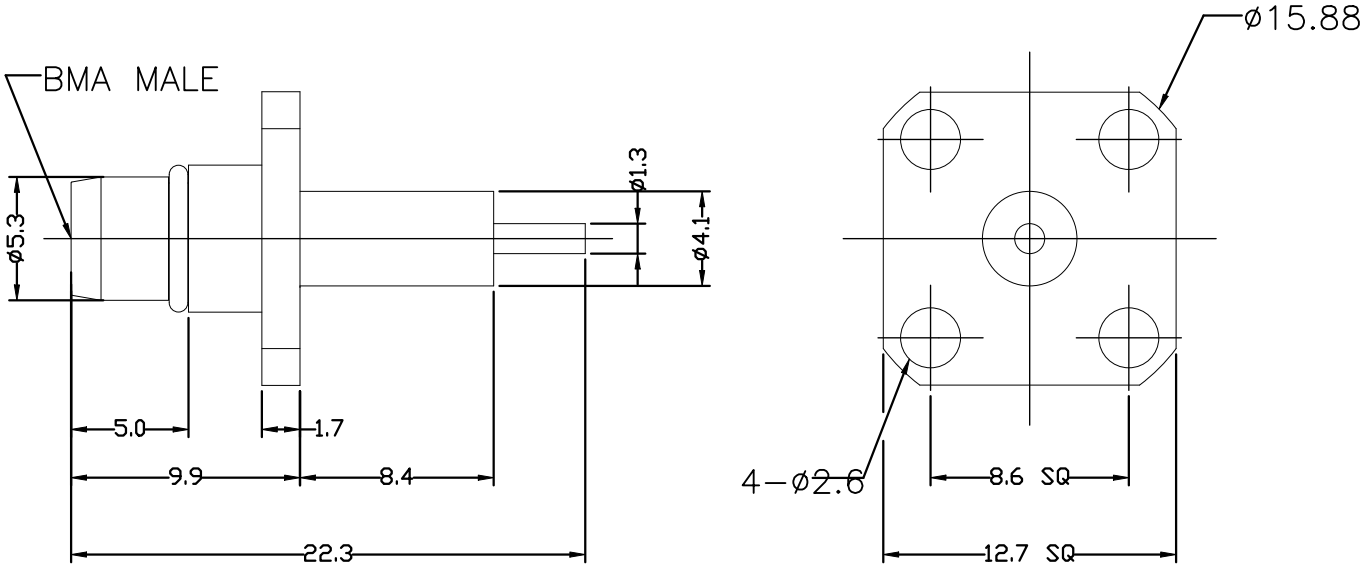
MECHANICAL CHARACTERISTICS:

DURABILITY: >500 CYCLES.
CENTER CONTACT RETENTION FORCE : 6lbs

ENVIRONMENTAL PARAMETER:

TEMPERATURE RANGE: -65°C TO +125°C
CORROSION: MIL-STD 202,METH.101,COND.B
THERMAL SHOCK: MIL-STD202,METH.107,COND.B
VIBRATION: MIL-STD 202,METH.204,COND.B
SHOCK : MIL-STD 202,METH.213,COND.I

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C1	REVISED AS PER ECN-25-359222	22SEP2025	YS	WZ



NOTES:
FINISH (PLATING THICKNESS IN MICRO-INCHES)

1. 50 MICROINCHES MIN GOLD PLATED,
50 MICROINCHES MIN OVER NICKEL UNDERPLATED.
10 MICROINCHES MIN OVER COPPER UNDERPLATED.

1	BLUE	BUNA-N	O-RING	4
1	NOTE 1	BRASS	CONTACT PIN	3
1	N/A	PTFE MIL-P-19468	INSULATOR	2
1	PASSIVATION	STAINLESS STEEL	BODY	1
1059563-1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
QUANTITY PER ASSY				
PART LIST				

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JP 13APR83	TE Connectivity		
		CHK AJA 27FEB84			
DIMENSIONS: mm		APVD JB 27FEB84	NAME		
		PRODUCT SPEC	OSP 4 HOLE FLANGE MOUNT PLUG RECEPTABLE		
		APPLICATION SPEC	STRAIGHT TERMINAL (4551-1201-02)		
MATERIAL		WEIGHT 0	SIZE A3	CAGE CODE 00779	DRAWING NO C-1059563-1
			RESTRICTED TO		
CUSTOMER DRAWING			SCALE 1:1	SHEET 1 OF 1	REV C1