

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-24-280748;GTP	21AUG2024	TP	WH

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

RoHS: COMPLIANT.

SPECIFICATIONS:
IMPEDANCE: 50Ω

FREQUENCY: DC to 18GHz

VSWR: <1.24

INSERTION LOSS: <0.04* $\sqrt{f(\text{GHz})}$ dB.

CONTACT RESISTANCE:
CENTER: <10.0 milliohms.
OUTER: <2.0 milliohms.

VOLTAGE RATING: 335 V (rms)

DIELECTRIC WITHSTANDING VOLTAGE: >1000V

INSULATION RESISTANCE: >5000mΩ

MECHANICAL CHARACTERISTICS
CENTER CONTACT RETENTION FORCE: >6 lbs

FORCE TO ENGAGE: <3 lbs

FORCE TO DISENGAGE :<1.5 lbs

DURABILITY: >100 CYCLES (FULL DETENT)

ENVIRONMENTAL PARAMETER
TEMPERATURE RANGE: -65°C TO +125°C

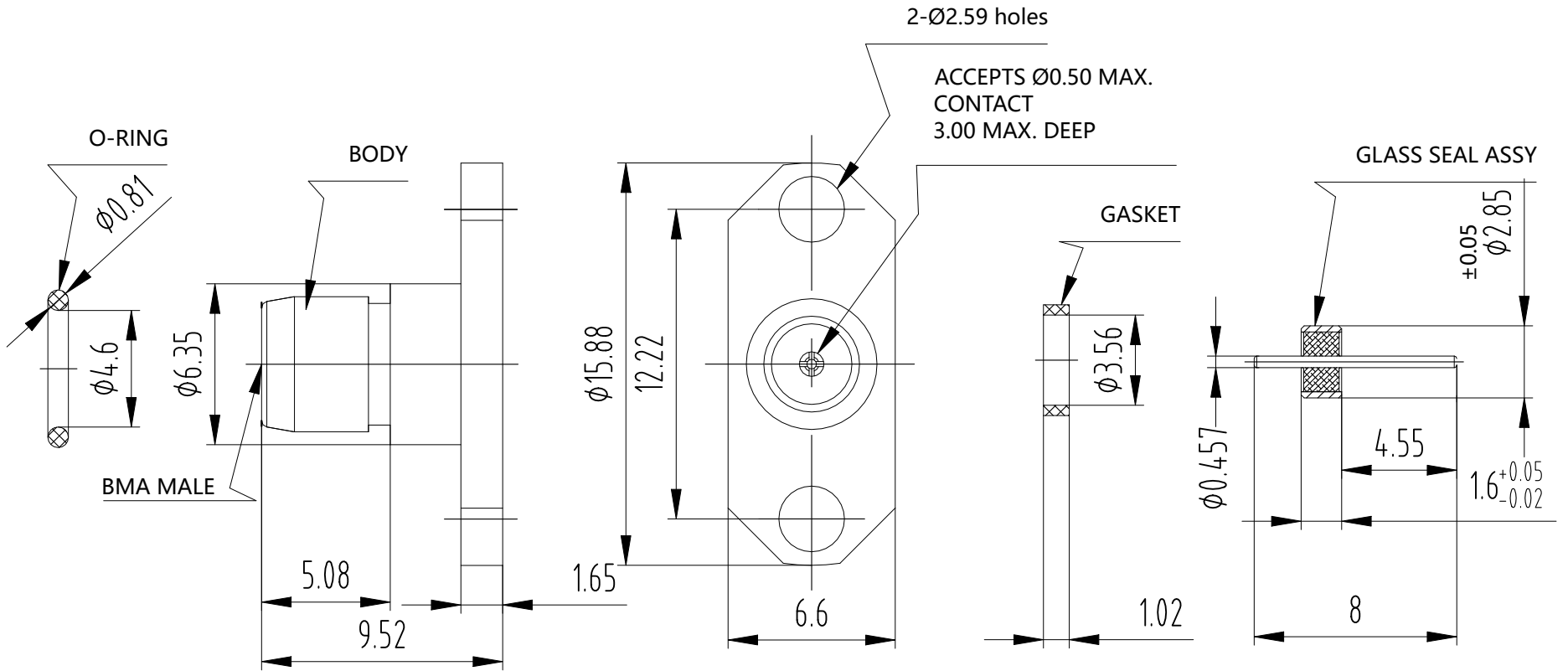
MOISTURE RESISTANCE: MIL-STD 202,METH.106

THERMAL SHOCK: MIL-STD 202,METH.107,COND.B

VIBRATION: MIL-STD 202,METH.204,COND.D

SHOCK : MIL-STD 202,METH.213,COND.I

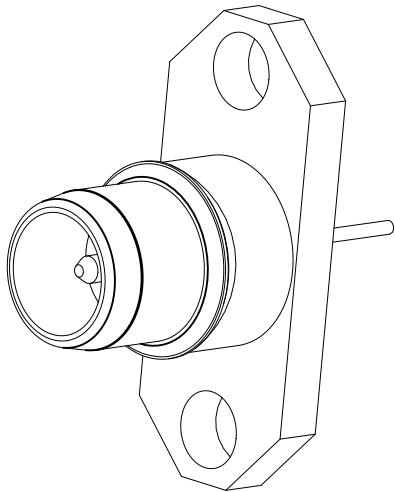
CORROSION: MIL-STD 202,METH,101,COND.B



NOTES:
FINISH (PLATING THICKNESS IN MICRO-INCHES)

- 1 PASSIVATION
- 2 GOLD PL. 50u"/NICKEL PL.50u"/COPPER PL 10u"
- 3 GOLD PL. 50u"/NICKEL PL.10u"/COPPER PL 50u"

	1	NOTE 3	KEVAR ALLOR 7070 GLASS	GLASS SEAL ASSY	6
	1	BLEGE	CONDUCTIVE SILVER/ SILICONE ELASTOMERS	GASKET	5
	1	BLUE	FLUOROSILICONE	O-RING	4
	1	NOTE 2	Be-Cu C17300	CONTACT PIN	3
	1	NATURAL	TEFLON MIL-P-19468	INSULATOR	2
	1	NOTE 1	STAINLESS STEEL	BODY	1
	2492481-1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
		QUANTITY PER ASSY	PARTS LIST		



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP	08AUG2024	TE Connectivity	
		CHK TP	08AUG2024		
		APVD WH	08AUG2024	NAME BMA PLUG HERMETIC 2-HOLE FLANGE EMI GSKT	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC SEE NOTES	
				APPLICATION SPEC	
				—	
MATERIAL SEE TABLE		FINISH —		SIZE A3	CAGE CODE 00779
				DRAWING NO C-2492481	RESTRICTED TO —
				WEIGHT 2.4 g	SCALE 1:1
				CUSTOMER DRAWING	SHEET 1 OF 1
					REV A

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2492481-1](#)