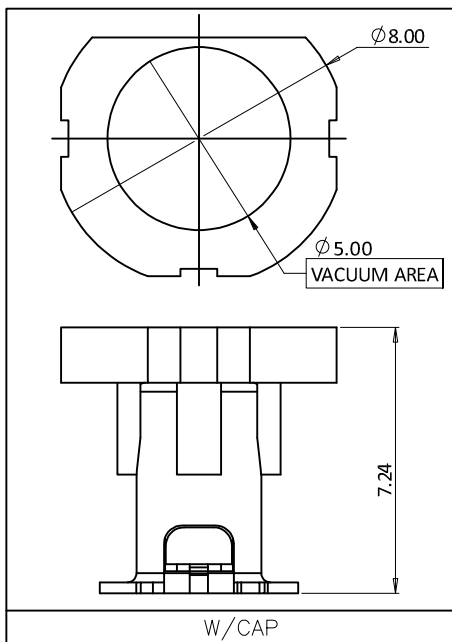


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/26/25	
A		UPDATE DRAWING	2/3/26	WY/RC



SPECIFICATIONS:

Material:

Insulator: (LCP) Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black

Contact: Copper Alloy

Shell: Copper Alloy, Matte Tin Plated

Cap: (LCP) Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black

Plating:

Gold Flash over Nickel underplate on contact area,

Matte Tin over Nickel underplate on solder tails

Electrical:

Impedance: 50 ohms

Current rating: 3A DC

Contact resistance: 20 mohms initial (after 40 mohms max)

Insulation resistance: 1,000 Mohms min @ 500V DC

Dielectric withstanding voltage: 500V AC RMS

Mechanical:

Durability: 25 Cycles

Engagement force: 25N max

Retention force: 150N min

Environmental:

Thermal shock: USCAR-17

Mechanical shock: USCAR-17-4

Temperature-humidity cycling: USCAR-17 SAE/USCAR-2

Vibration: USCAR-17

Temperature Rating:

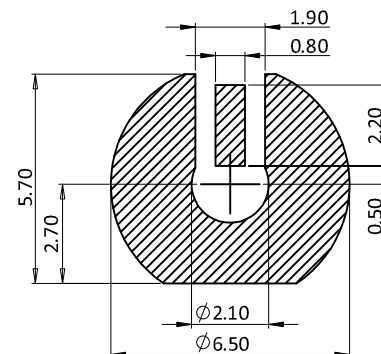
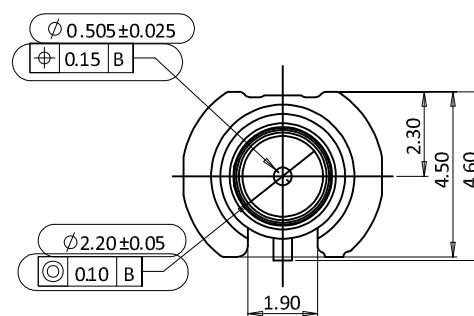
Operating temperature: -40°C to +105°C

Packing:

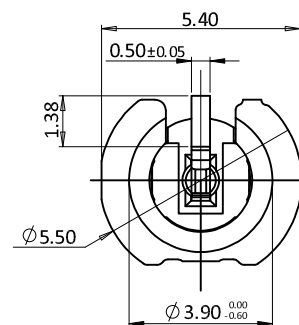
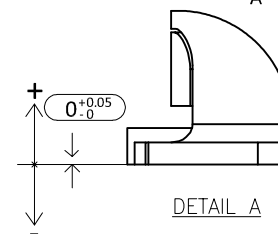
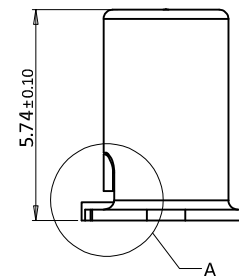
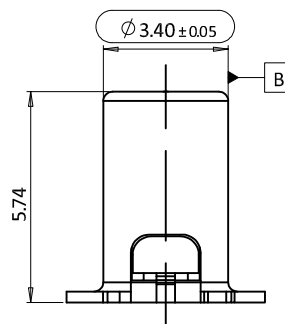
Standard: 600 pcs in tape & reel

Environmental:

Lead free, RoHS compliant.



RECOMMENDED PCB LAYOUT



PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED			ADAM TECH 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 adam-tech.com		
MM	X. ± 0.50 .X ± 0.30 .XX ± 0.20	ANGLE ± 5°			
DRAWN	WY	9/26/25	TITLE RF CONNECTOR, SMB TYPE FEMALE, PCB, 50 OHM, SEL-GOLD MATTE PLATED		
CHECKED	RC	9/26/25			
APPROVED					
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			REF: S00013T	SCALE: NTS	SHEET 1 OF 1