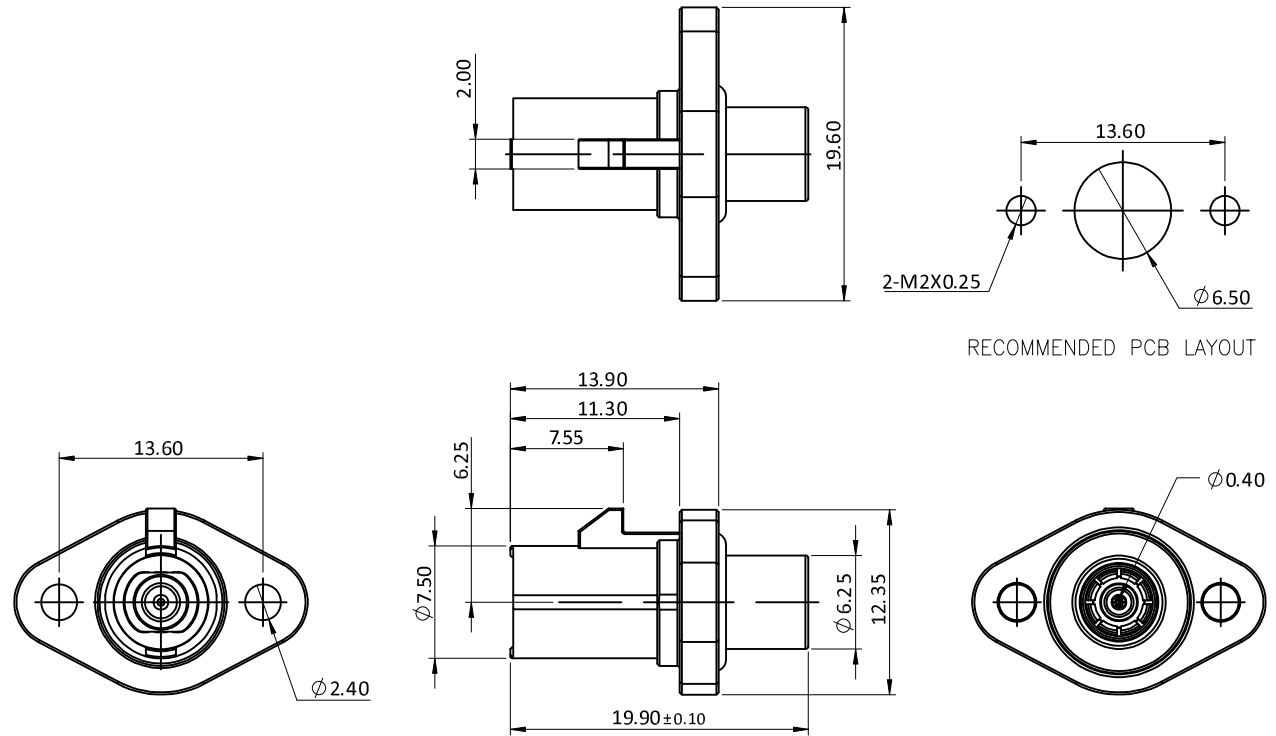


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/26/25	
A		UPDATE SPEC.	12/12/25	WY/RC



SPECIFICATIONS:

Material:

Insulator: PTFE, color: White

Contacts: Copper Alloy

Spring Shell: Copper Alloy, Nickel plated

Outer Shell: Zinc Alloy, Nickel over Copper plated

Plating:

Gold Flash over Nickel underplate overall

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: AC 500 V 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: 105 pcs in tray

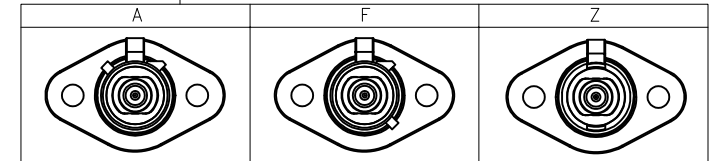
Environmental:

Waterproof: IP69K

Lead free, RoHS compliant.



RF55-86X-T-AS-50



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			
CHECKED		RC	9/26/25		TITLE FAKRA PLUG SMB TYPE STRAIGHT BULKHEAD WATERPROOF (IP69K)	
APPROVED						
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SIZE X		PART NO. RF55-86X-T-AS-50-WP		REV. A		
REF: S00013T		SCALE: NTS		SHEET 1 OF 1		