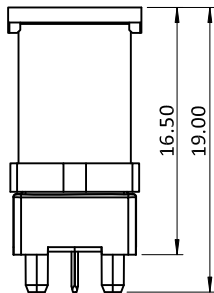
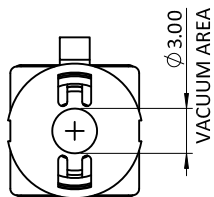
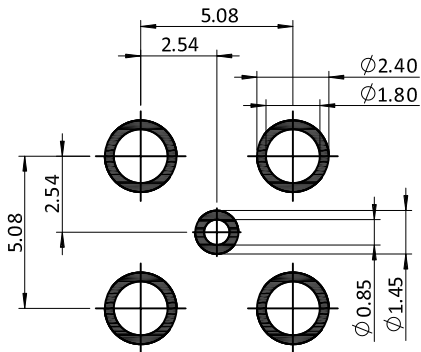


APPROVED: _____

DATE: _____ TITLE: _____



W/CAP



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Coding Housing: PA, Color: See chart

Inner Housing: Thermoplastic, Color: Black

Contact: Copper Alloy

Outer Contact: Zinc Alloy, 80–200u" Matte Tin Plated

Contact Plating:

Contact area: 6u" Gold Plated

Solder tails area: 80–160u" Matte Tin Plated

Underplate: 80–160u" Nickel underplate overall

Electrical:

Impedance: 50 ohms

Frequency range: DC~6.0 GHz

Voltage rating: 355V AC rms

Current rating: 1.0A Max

Contact resistance: 10 mohm Max@20mV Max

Insulation resistance: 1,000 Mohm min@100V DC

Dielectric Withstanding Voltage: 800V AC rms min 60Hz

Mechanical:

Durability: 25 Cycles

Retention force: 110N min

Coding efficiency: 40N min

Environmental:

Thermal shock & Humidity & Vibration:

ISO 20860–1 & ISO 20860–2

USCAR–2 & USCAR–17

Mechanical: USCAR–17–4

Temperature Rating:

Operating temperature: –40°C to +125°C

Packing:

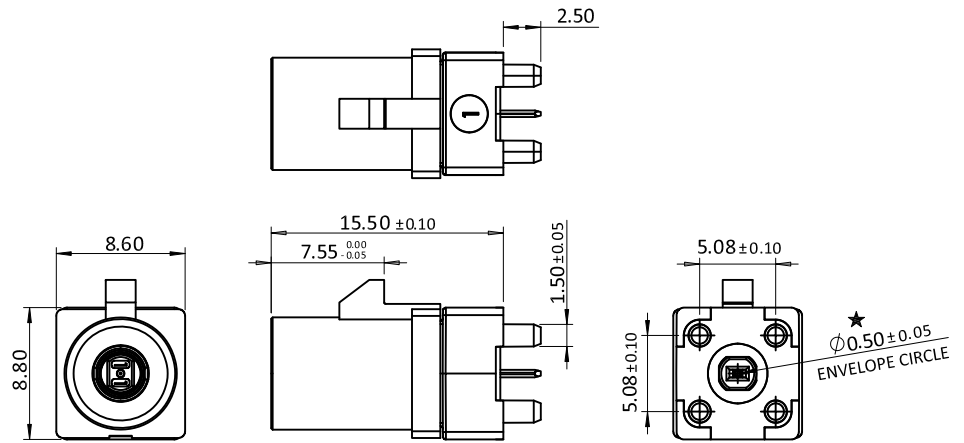
Standard: 110 pcs in tape & reel

Environmental:

Lead free, RoHS compliant.



Rev	AWO #	Description	Date	Appr
-		RELEASED	9/26/25	



RF55–70BX–T–00–50–PP–T/R

A	B	C	D	E	F	G
BLACK	WHITE	BLUE	BORDEAUX VIOLET	GREEN	BROWN	GREY
H	I	K	L	M	N	Z
VIOLET	BEIGE	CURRY	CAMINE RED	PASTEL ORANGE	PASTEL GREEN	WATER BLUE

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 FAKRA, VERTICAL PLUG, PCB MOUNT, W/CAP PCB (SOLDER 0.50MM)
CHECKED		RC	9/26/25		
APPROVED					
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SIZE X		PART NO. RF55-70BX-T-00-50-PP-T/R			REV. -
REF: S00013T		SCALE: NTS		SHEET 1 OF 1	