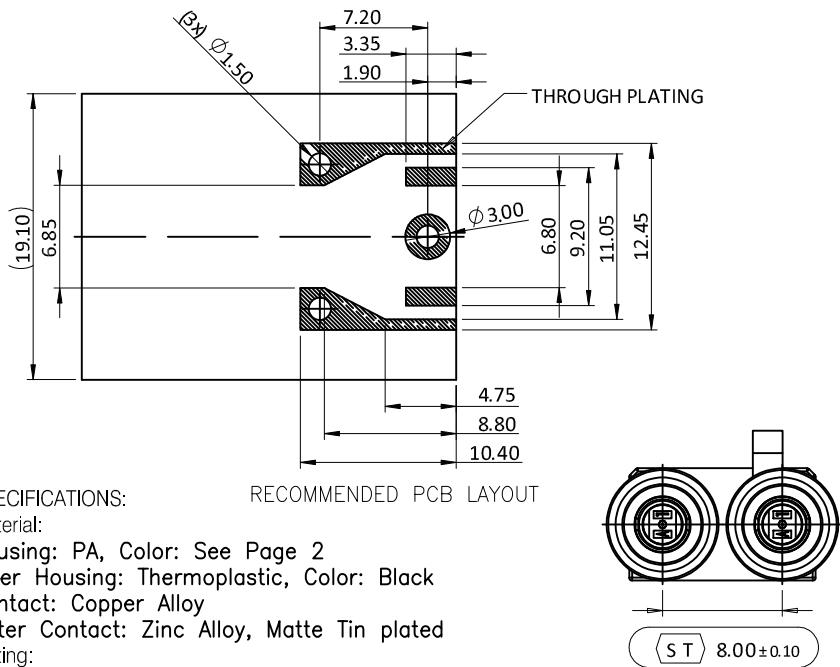


APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

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



## SPECIFICATIONS:

## Material:

Housing: PA, Color: See Page 2

Inner Housing: Thermoplastic, Color: Black

Contact: Copper Alloy

Outer Contact: Zinc Alloy, Matte Tin plated

## Plating:

6u" Gold over Nickel underplate on contact area,  
Matte Tin over Nickel underplate on solder tails

## Electrical:

Impedance: 50 ohms

Frequency range: DC to 6.0 GHz A

Voltage rating: 335V AC rms

Current rating: 1.0A max

Contact resistance: 10 mohms initial (after 40 mohms max)

Insulation resistance: 1,000 Mohms min

Dielectric withstanding voltage: 800V AC RMS min 60Hz

Return loss: ≥26dB (DC to 1 GHz)

≥23dB (DC 1 to 2.4 GHz)

≥20dB (DC 2.4 to 4 GHz)

≥15dB (DC 4 to 6 GHz)

## Mechanical:

Durability: 25 Cycles

Retention force: 110N min

Coding efficiency: 40N min

## Environmental:

Thermal shock &amp; Humidity &amp; Vibration:

ISO 20860-1 &amp; ISO 20860-2

USCAR-2 &amp; USCAR-17

Temperature Rating:

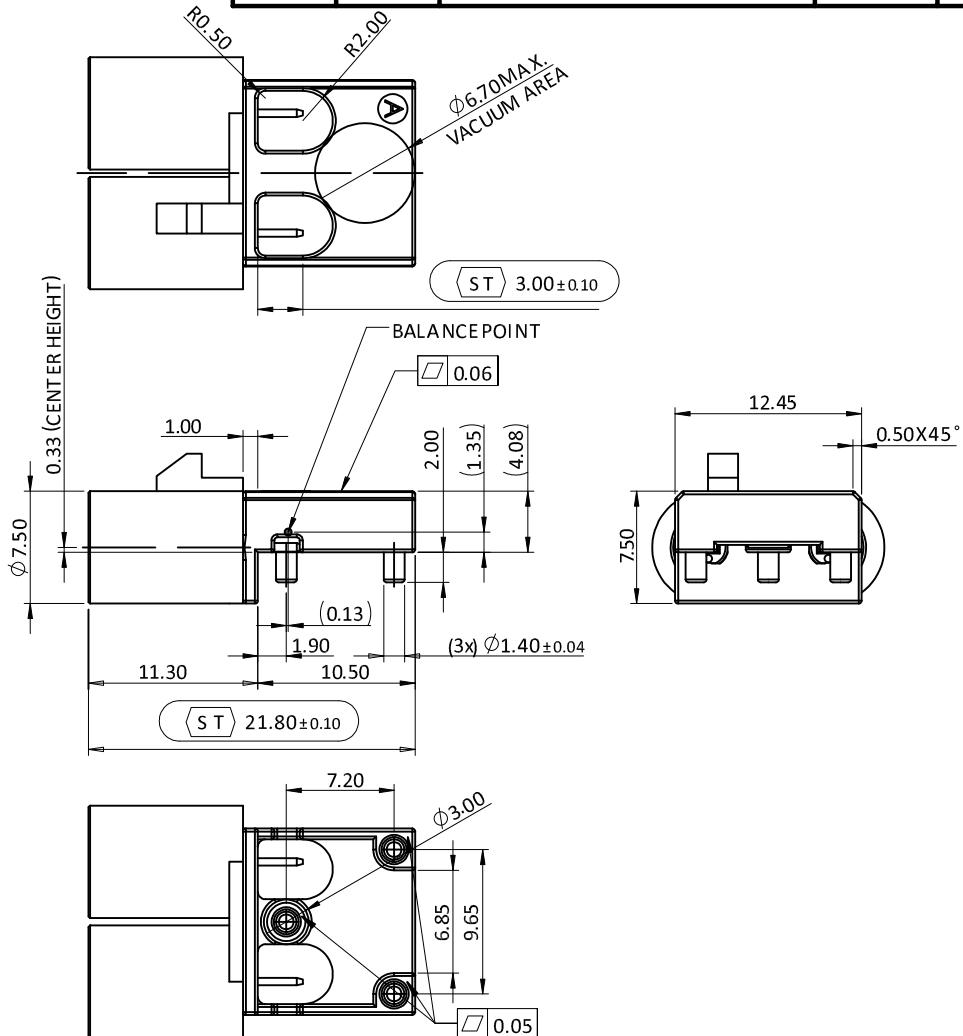
Operating temperature: -40°C to +105°C

## Packing:

Standard: 220 pcs in tape &amp; reel

## Environmental:

Lead free, RoHS compliant.

RoHS  
COMPLIANT

## PACKAGED ON TAPE &amp; REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS  
ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED  
 X  $\pm$  0.20  
 X  $\pm$  0.12  
 .XX  $\pm$  0.05  
 ANGLE  $\pm$  2°

DRAWN WY 9/26/25

CHECKED RC 9/26/25

APPROVED

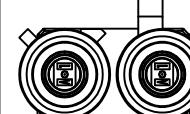
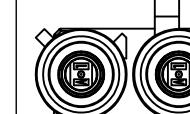
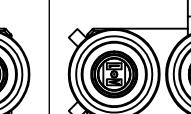
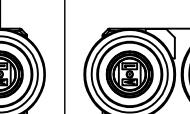
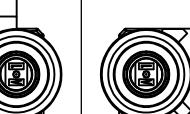
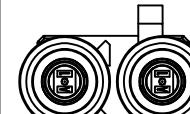
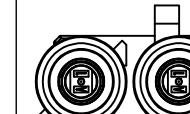
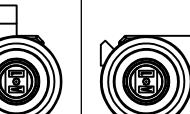
ADAM  
TECH909 Rahway Avenue,  
Union, NJ 07083  
Phone: 908-687-5000  
adam-tech.comTITLE  
FAKRA PLUG, RIGHT ANGLE, FOR PCB, DUAL

SIZE X	PART NO. RF55-65X-L-00-50-X-T/R	REV. A
REF: S00013T	SCALE: NTS	SHEET 1 OF 3

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

RF55-65X-L-00-50-X-T/R

Coding	A	B	C	D	E	F	G
Plug							
Color	Black	White	Blue	Bordeaux	Green	Brown	Grey
Coding	H	I	K	L	M	O	Z
Plug							
Color	Violet	Beige	Curry	Carmine Red	Pastel Orange	Pastel Green	Water Blue

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS  
ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

X	$\pm 0.20$		
MM	$\pm 0.12$	ANGLE	$\pm 2^\circ$
XX	$\pm 0.05$		

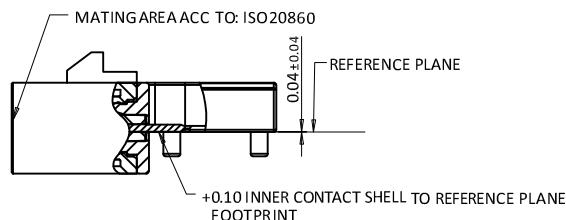
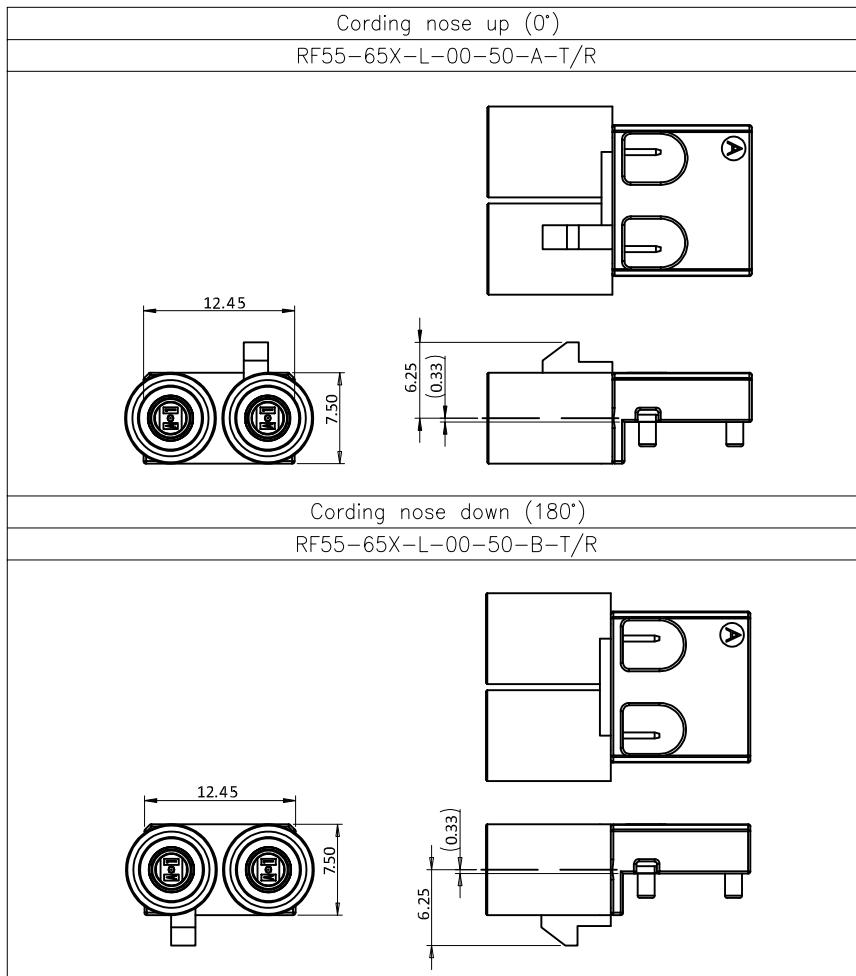
DRAWN WY 9/26/25CHECKED RC 9/26/25APPROVED 
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**TECH**
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Union, NJ 07083  
Phone: 908-687-5000  
adam-tech.comTITLE  
FAKRA PLUG, RIGHT ANGLE, FOR PCB, DUALSIZE X PART NO. RF55-65X-L-00-50-X-T/R REV. AREF: S00013T SCALE: NTS SHEET 2 OF 3

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DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS  
ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

X	$\pm 0.20$	X	$\pm 0.12$	ANGLE	$\pm 2^\circ$
MM		XX			
			$\pm 0.05$		

DRAWN	WY	9/26/25
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CHECKED	RC	9/26/25
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APPROVED		
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TITLE

FAKRA PLUG, RIGHT ANGLE, FOR PCB, DUAL

SIZE	PART NO.	REV.
X	RF55-65X-L-00-50-X-T/R	A

REF:	S00013T	SCALE:	NTS	SHEET	3 OF 3
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