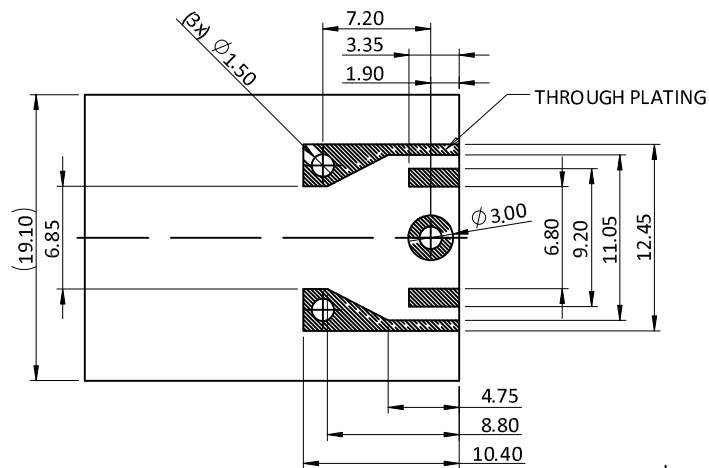


APPROVED: _____

DATE: _____ TITLE: _____



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 Δ

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: ≥ 26 dB (DC to 1 GHz)

≥ 23 dB (DC 1 to 2.4 GHz)

≥ 20 dB (DC 2.4 to 4 GHz)

≥ 15 dB (DC 4 to 6 GHz)

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

Temperature Rating:

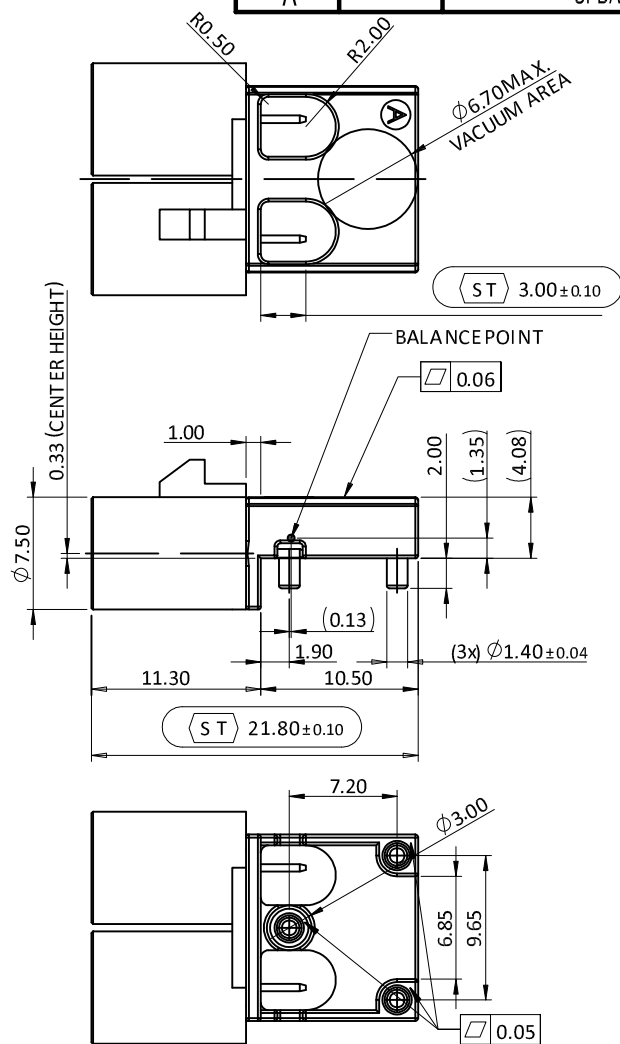
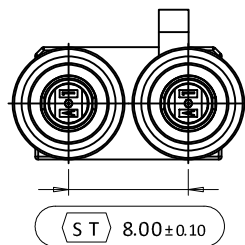
Operating temperature: -40°C to +105°C

Packing:

Standard: 220 pcs in tape & reel

Environmental:

Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

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

MM	X.	± 0.20	ANGLE	± 2°
	.X	± 0.12		
	.XX	± 0.05		

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

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TITLE
FAKRA PLUG, RIGHT ANGLE, FOR PCB, DUAL

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

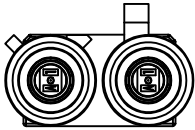
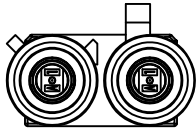
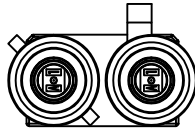
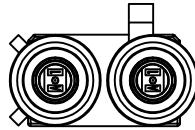
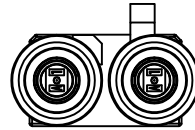
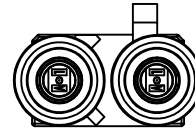
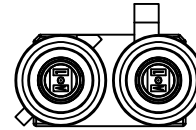
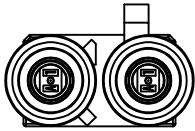
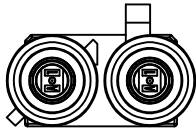
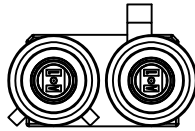
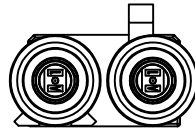
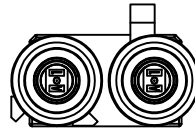
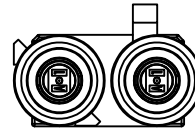
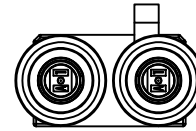
REF: S00013T SCALE: NTS SHEET 1 OF 3

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DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				

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

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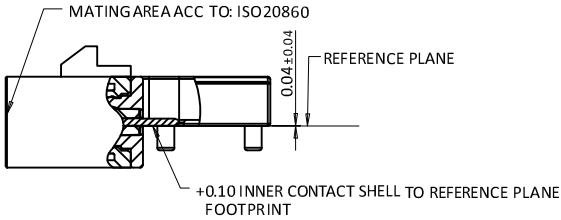
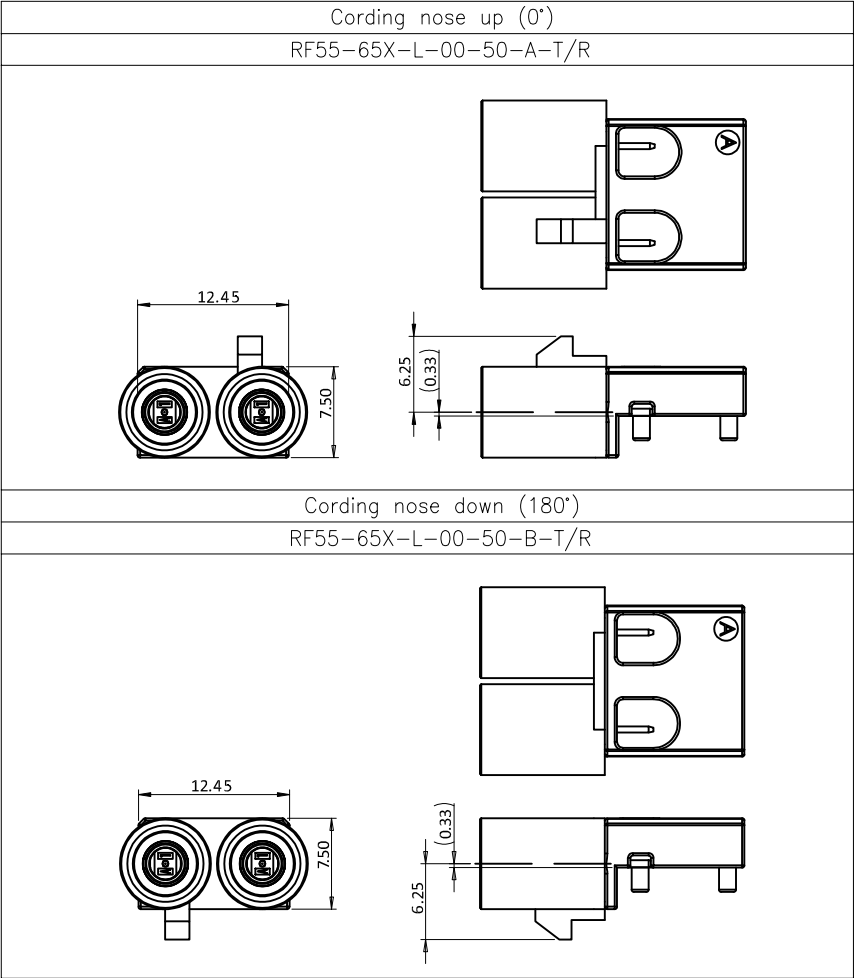
TITLE
FAKRA PLUG, RIGHT ANGLE, FOR PCB, DUAL

SIZE X	PART NO. RF55-65X-L-00-50-X-T/R	REV. A
REF: S00013T	SCALE: NTS	SHEET 2 OF 3

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DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
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SIZE X	PART NO. RF55-65X-L-00-50-X-T/R	REV. A	
REF: S00013T	SCALE: NTS	SHEET 3 OF 3	