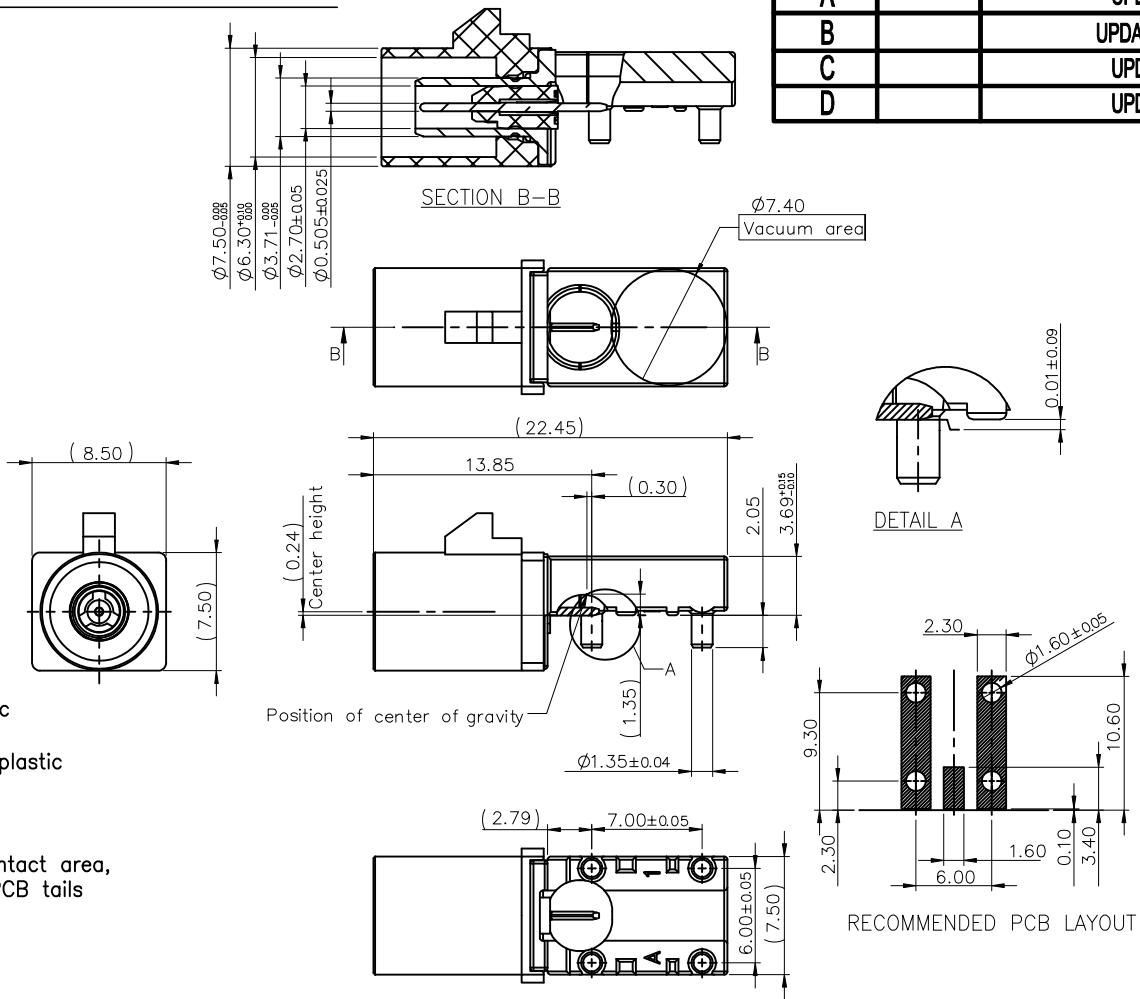


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/13/19	
A		UPDATE SPEC.	1/8/20	LH/KL
B		UPDATE DRAWING	3/21/23	WX/JL
C		UPDATE SPEC.	9/16/25	WY/RC
D		UPDATE SPEC.	9/26/25	WY/RC

**SPECIFICATIONS:****Material:**

Insulator: (PA4T) Hi-Temp Thermoplastic

Insulator color: See Page 2

Inner Insulator: (LCP) Hi-Temp Thermoplastic

Contacts: Copper Alloy

Shell: Zinc Alloy, Matte Tin plated

Plating:

B 6u" Gold over Nickel underplate on contact area, Matte Tin over Copper underplate on PCB tails

Electrical:

Impedance: 50 ohms

Voltage rating: 335 VAC RMS

Current rating: 1.0 Amp max

Contact resistance: 10 mohms max @20mV max

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

Dielectric withstanding voltage: AC 800 V 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:

Mating Cycles: 25 Insertions

Retention force: 110N min

Environmental:

Thermal shock & Vibration: USCAR-17

Temperature Rating:

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

Packing:

Standard: 250 pcs in tape & reel

Environmental:
Lead free, RoHS compliant.**PACKAGED ON TAPE & REEL**

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS
ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED
X \pm 0.50
XX \pm 0.30
.XX \pm 0.20
ANGLE \pm 5°

DRAWN LH 11/13/19

CHECKED KL 11/13/19

APPROVED

ADAM
TECH

 909 Rahway Avenue,
 Union, NJ 07083
 Phone: 908-687-5000
 adam-tech.com

 TITLE
FAKRA PLUG, R/A, FOR PCB (DIP/SMT)

SIZE	PART NO.	REV.
X	RF55-40X-Y-00-50-X-T/R	D
REF: S00013T	SCALE: NTS	SHEET 1 OF 3

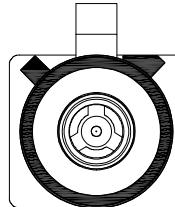
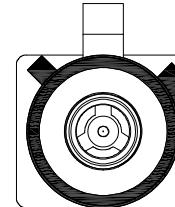
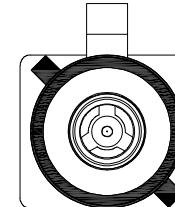
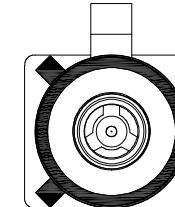
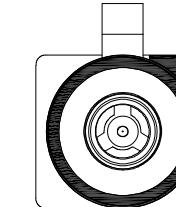
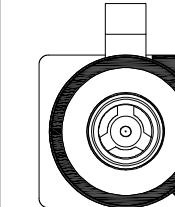
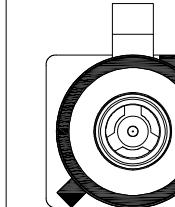
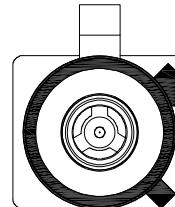
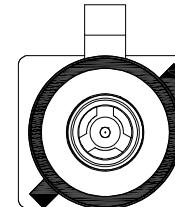
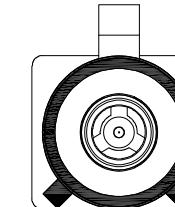
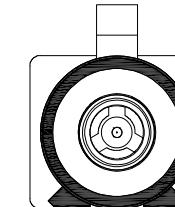
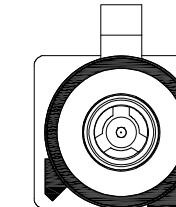
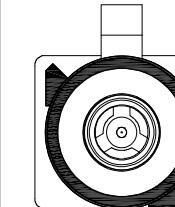
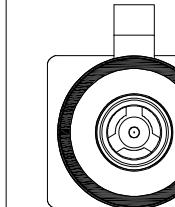
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APPROVED: _____

DATE: _____ TITLE: _____

RF55-40X-Y-00-50-X-T/R

D	Coding	A	B	C	D	E	F	G	
C	Plug								
C	Color	Black	White	Blue	Bordeaux	Violet	Green	Brown	Grey
C	Part NO.	RF55-40A-Y-00-50-X-T/R	RF55-40B-Y-00-50-X-T/R	RF55-40C-Y-00-50-X-T/R	RF55-40D-Y-00-50-X-T/R	RF55-40E-Y-00-50-X-T/R	RF55-40F-Y-00-50-X-T/R	RF55-40G-Y-00-50-X-T/R	
B	Coding	H	I	K	L	M	N	Z	
B	Plug								
B	Color	Violet	Beige	Curry	Camme Red	Pastel Orange	Pastel Green	Water Blue	
B	Part NO.	RF55-40H-Y-00-50-X-T/R	RF55-40I-Y-00-50-X-T/R	RF55-40K-Y-00-50-X-T/R	RF55-40L-Y-00-50-X-T/R	RF55-40M-Y-00-50-X-T/R	RF55-40N-Y-00-50-X-T/R	RF55-40Z-Y-00-50-X-T/R	

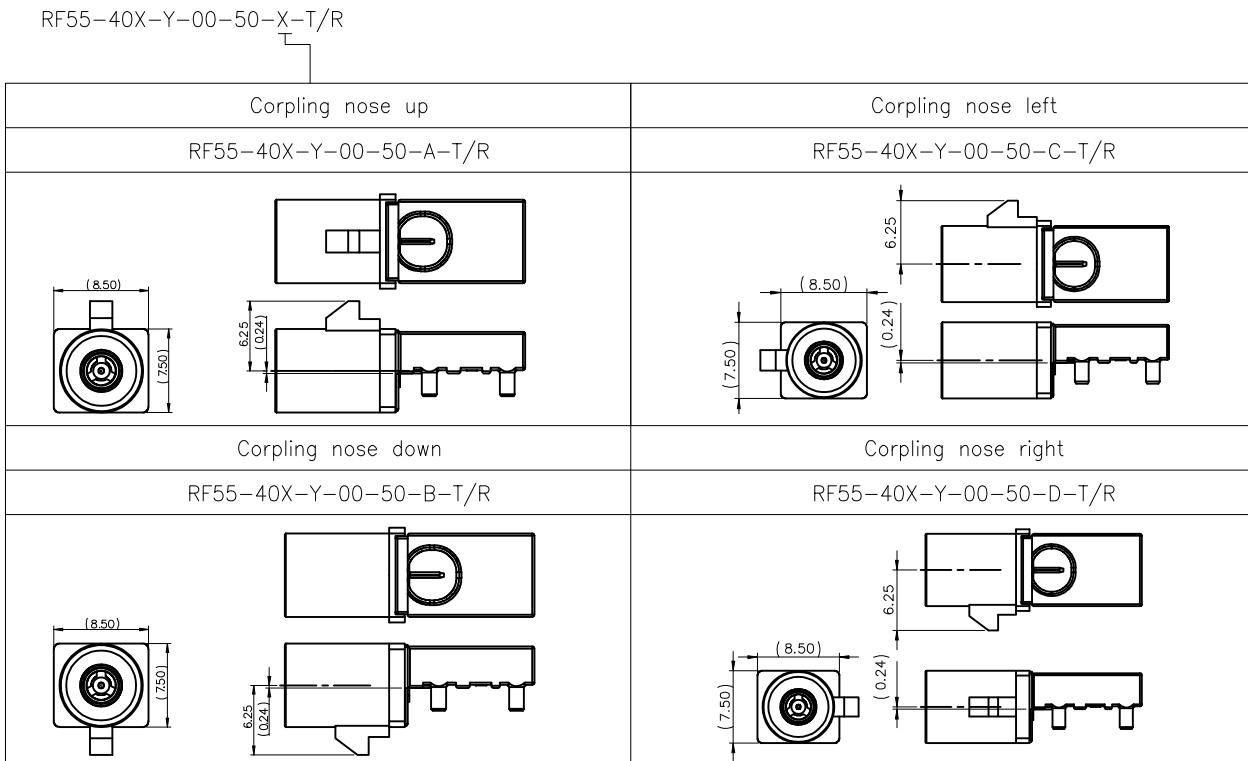
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS
ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTEDX ± 0.50
MM ± 0.30 ANGLE $\pm 5^\circ$
.XX ± 0.20 DRAWN LH 11/13/19CHECKED KL 11/13/19APPROVED **ADAM
TECH**909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
adam-tech.comTITLE
FAKRA PLUG, R/A, FOR PCB (DIP/SMT)SIZE PART NO. REV. REF: SCALE: SHEET

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APPROVED: _____

DATE: _____ TITLE: _____



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

X	± 0.50		
MM	± 0.30	ANGLE	$\pm 5^\circ$
XX	± 0.20		

DRAWN	LH	11/13/19
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CHECKED	KL	11/13/19
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APPROVED		
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TECH**

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Union, NJ 07083
Phone: 908-687-5000
adam-tech.com

FAKRA PLUG, R/A, FOR PCB (DIP/SMT)

SIZE	PART NO.	REV.
X	RF55-40X-Y-00-50-X-T/R	D

REF:	S00013T	SCALE:	NTS	SHEET	3 OF 3
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