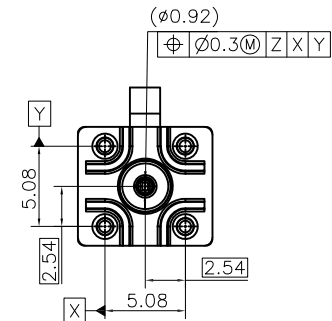
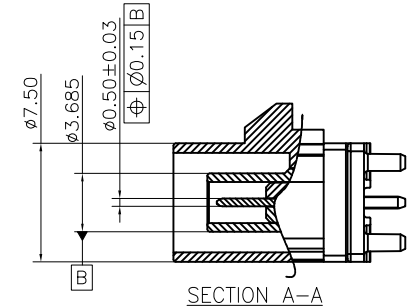
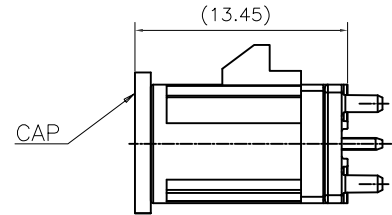
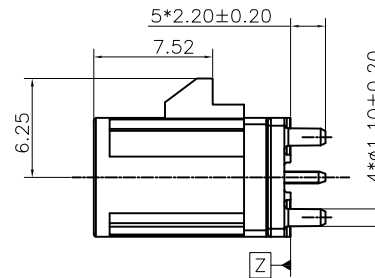
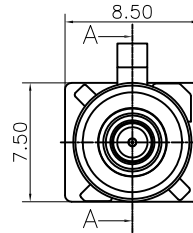
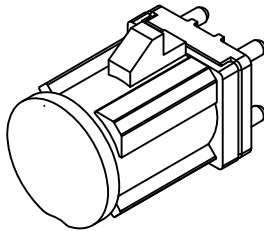
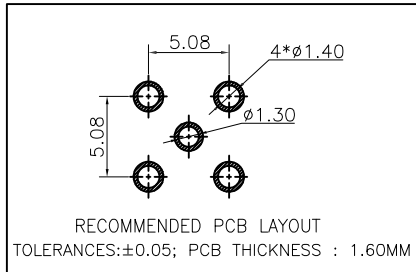


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	2/7/20	
A		UPDATE DRAWING	7/23/20	LH/LW
B		UPDATE DRAWING	3/25/24	LH/SC



SPECIFICATIONS:

Material:

Insulator: Hi-Temp Thermoplastic, rated UL 94V-0

Spacer: LCP

Cap: Hi-Temp Thermoplastic

Signal Terminal: Copper Alloy, 6u" Gold over Nickel plated

Socket up/down: Zinc Alloy, Nickel plated

Electrical:

1.IMPEDANCE: 50Ω

2.FREQUENCY: DC TO 6 GHz;

3.RETURN LOSS: ≥22 dB TO 2 GHz;

≥20 dB TO 4 GHz;

≥18 dB TO 6 GHz;

4.INSERTION LOSS: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB;

5.INSULATION RESISTANCE: ≥1000 MΩ;

6.SIGNAL TERMINAL RESISTANCE: ≤5 mΩ;

7.SHIELDING SHELL RESISTANCE: ≤10 mΩ;

8.TEST VOLTAGE: 750V rms;

9.WORK VOLTAGE: 335V rms;

10.POWER CURRENT AT 85°C: ≤1 A DC;

Temperature Rating:

-40°C to +125°C

Environmental:

Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES	HOLES
.X ±.10	Ø.X ±.10
.XX ±.020	Ø.XX ±.015
.XXX ±.015	Ø.XXX ±.010

DRAWN	LH	2/7/20
CHECKED	AC	2/7/20
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

ADAM
TECH

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE				
FAKRA PLUG STRAIGHT, FOR PCB				
SIZE	PART NO.			REV.
X	RF55-43X-Y-00-50-G-T/R			C
REF:	S00005C	SCALE:	NTS	SHEET 1 OF 1

6

5

4

3

2

1

Rev

AWO #

Description

Date

Appr

SEE SHT 1 OF 2 FOR REVISION

APPROVED: _____

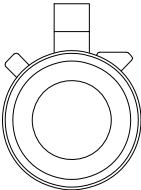
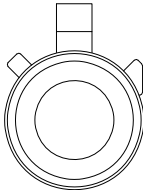
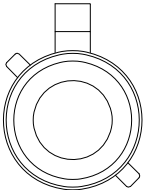
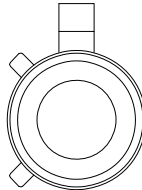
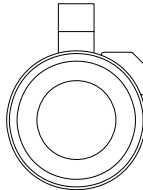
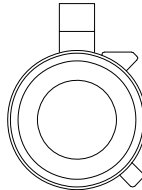
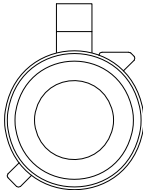
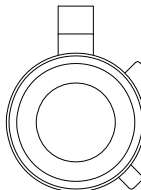
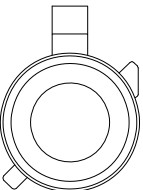
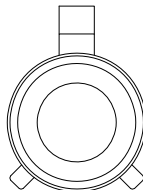
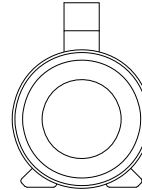
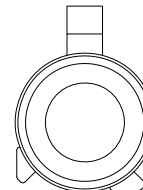
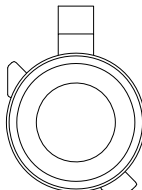
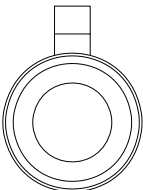
DATE: _____ TITLE: _____

D

C

B

A

Coding	A	B	C	D	E	F	G
Plug							
Color	Black	White	Blue	Bordeaux	Green	Brown	Grey
Part NO.	RF55-43A-Y-00-50-G-T/R	RF55-43B-Y-00-50-G-T/R	RF55-43C-Y-00-50-G-T/R	RF55-43D-Y-00-50-G-T/R	RF55-43E-Y-00-50-G-T/R	RF55-43F-Y-00-50-G-T/R	RF55-43G-Y-00-50-G-T/R
Coding	H	I	K	L	M	N	Z
Plug							
Color	Violet	Beige	Curry	Camine Red	Pastel Orange	Pastel Green	Waterblue
Part NO.	RF55-43H-Y-00-50-G-T/R	RF55-43I-Y-00-50-G-T/R	RF55-43K-Y-00-50-G-T/R	RF55-43L-Y-00-50-G-T/R	RF55-43M-Y-00-50-G-T/R	RF55-43N-Y-00-50-G-T/R	RF55-43Z-Y-00-50-G-T/R

6

5

4

3

2

1

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

MM

ANGLE

X. ± 0.30 X* ± 0.5°

.X ± 0.20 .X* ± 0.3°

.XX ± 0.15

.XXX ± 0.10

APPROVALS

DATE

DRAWN

LH

2/7/20

CHECKED

AC

2/7/20

APPROVED

TITLE

FAKRA PLUG STRAIGHT, FOR PCB

SIZE

PART NO.

REV.

X

RF55-43X-Y-00-50-G-T/R

C

REF:

S00005C

SCALE:

NTS

SHEET

2 OF 2