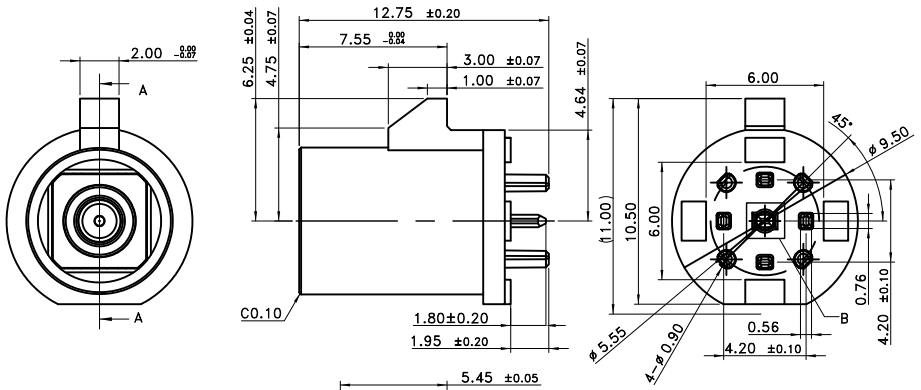
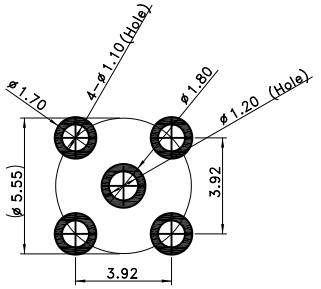
APPROVED: _____

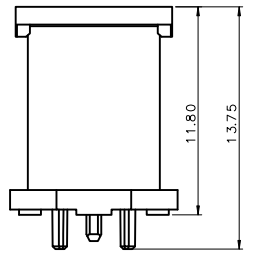
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/20/19	
A		UPDATE DRAWING	3/25/21	LH/RL

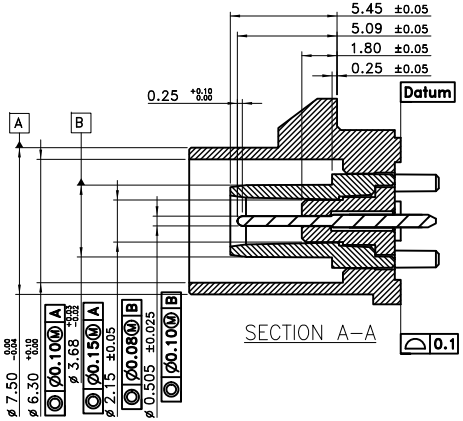




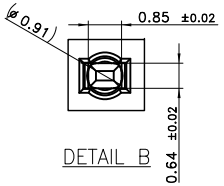
RECOMMENDED PCB LAYOUT



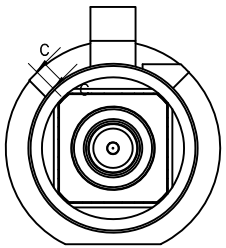
WITH CAP

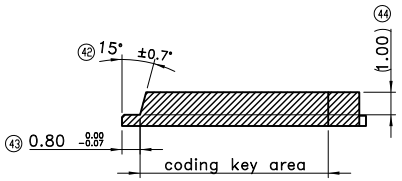


SECTION A–A



DETAIL B





coding key cross section

SECTION C–C

SPECIFICATIONS:

Material:

Insulator: (PA6T) Hi–Temp Thermoplastic, rated UL 94V–0
Contacts: Brass
Shell: Zinc Alloy

Plating:

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

Electrical:

Impedance: 50 ohms
Voltage rating: 335 VAC RMS
Current rating: 1.0 Amp max
Contact resistance: 5 mohms max @20mV max
Insulation resistance: 1,000 Mohms min @100 VDC
Dielectric withstanding voltage: AC 780 V RMS Min 60HZ

Mechanical:

Temperature Rating:

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

Environmental:

Lead free, RoHS compliant.

RoHS COMPLIANT

PACKAGED ON TAPE & REEL

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

	MM	ANGLE
X.	± 0.50	
.X	± 0.30	±5°
.XX	± 0.20	

APPROVALS		DATE
DRAWN	OW	11/20/19
CHECKED	AC	11/20/19
APPROVED		

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

TITLE

FAKRA PLUG, STR, FOR PCB (DIP/SMT)

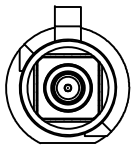
SIZE	PART NO.	REV.
X	RF55-41X-Y-00-50-PP-T/R	A

REF:	SCALE:	SHEET
S00013T	NTS	1 OF 2

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

APPROVED: _____

DATE: _____ TITLE: _____

Coding	A	B	C	D	E	F	G
Plug							
Color	Black	White	Blue	Bordeaux	Green	Brown	Grey
Part NO.	RF55-41A-Y-00-50-PP-T/R	RF55-41B-Y-00-50-PP-T/R	RF55-41C-Y-00-50-PP-T/R	RF55-41D-Y-00-50-PP-T/R	RF55-41E-Y-00-50-PP-T/R	RF55-41F-Y-00-50-PP-T/R	RF55-41G-Y-00-50-PP-T/R
Coding	H	I	K	L	M	N	Z
Plug							
Color	Violet	Beige	Curry	Camine Red	Pastel Orange	Pastel Green	Waterblue
Part NO.	RF55-41H-Y-00-50-PP-T/R	RF55-41I-Y-00-50-PP-T/R	RF55-41K-Y-00-50-PP-T/R	RF55-41L-Y-00-50-PP-T/R	RF55-41M-Y-00-50-PP-T/R	RF55-41N-Y-00-50-PP-T/R	RF55-41Z-Y-00-50-PP-T/R

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

	MM	ANGLE
X.	± 0.50	
.X	± 0.30	±5°
.XX	± 0.20	

APPROVALS		DATE
DRAWN	OW	11/20/19
CHECKED	AC	11/20/19
APPROVED		

ADAM TECH INTERCONNECTS
909 Rahway Avenue,
Union, NJ 07083
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TITLE
FAKRA PLUG, STR, FOR PCB (DIP/SMT)

SIZE	PART NO.	REV.
X	RF55-41X-Y-00-50-PP-T/R	A

REF:	SCALE:	SHEET
S00013T	NTS	2 OF 2