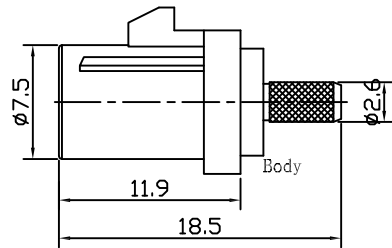


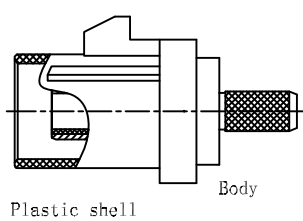
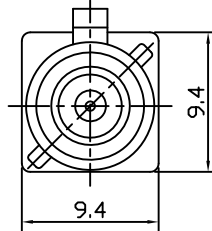
APPROVED: _____

DATE: _____ TITLE: _____

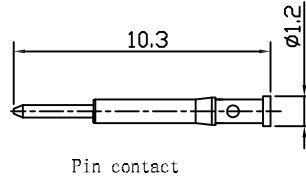
Rev	AWO #	Description	Date	Appr
-		RELEASED	6/6/18	



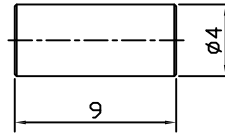
Plastic shell



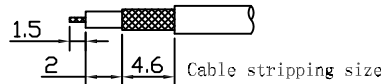
Plastic shell



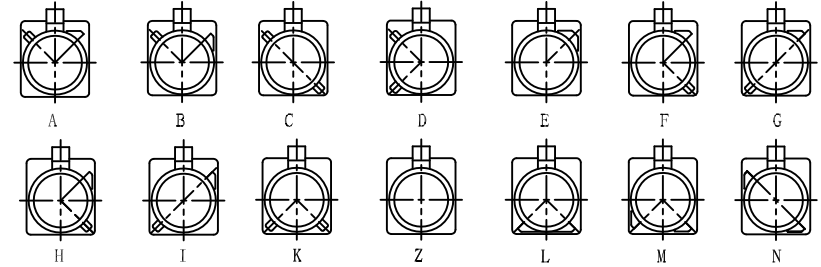
Pin contact



Copper tube



Cable stripping size



Port Type

Type	Color	Item No
A	BLACK	RF55-31A-T-02-50-X-SH
B	WHITE	RF55-31B-T-02-50-X-SH
C	BLUE	RF55-31C-T-02-50-X-SH
D	BORDEAUX VIOLET	RF55-31D-T-02-50-X-SH
E	GREEN	RF55-31E-T-02-50-X-SH
F	BROWN	RF55-31F-T-02-50-X-SH
G	GREY	RF55-31G-T-02-50-X-SH
H	VIOLET	RF55-31H-T-02-50-X-SH
I	BEIGE	RF55-31I-T-02-50-X-SH
K	CURRY	RF55-31K-T-02-50-X-SH
Z	WATER BLUE	RF55-31Z-T-02-50-X-SH
L	CARMINE RED	RF55-31L-T-02-50-X-SH
M	PASTEL ORANGE	RF55-31M-T-02-50-X-SH
N	PASTEL GREEN	RF55-31N-T-02-50-X-SH

PLASTIC SHELL	PA66+30%GF	
COPPER TUBE	BRASS	NICKEL
INSULATOR	PTFE	
PIN CONTACT	BRASS	GOLD
BODY	BRASS	NICKEL
DESCRIPTION	MATERIAL	FINISH

SPECIFICATIONS:

Electrical:

Frequency range: DC~4 GHz

Nominal Impedance: 50 ohms

Withstanding voltage: 335 V

Insulator Resistance: 1000 MΩ

Contact Resistance: 6 Milliohms max. (Center Contact)

1 Milliohms max. (Outer Contact)

Temperature Rating:

Operating temperature: -40°C to +85°C

Environmental:

Lead free, RoHS compliant.



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

.X ± 0.25
.XX ± 0.15
.XXX ± 0.05

Ø.XX ± 0.13

APPROVALS		DATE
DRAWN	AY	6/6/18
CHECKED	MY	6/6/18
APPROVED		

ADAM
TECH
INTERCONNECTS

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

TITLE

FAKRA PLUG SMB TYPE STRAIGHT FOR RG174/RG316

SIZE	PART NO.	REV.
X	RF55-31X-T-02-50-X-SH	-
REF:	S00134C	SCALE: NTS
SHEET 1 OF 1		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Adam Tech:](#)

[RF55-31G-T-02-50-X-SH](#) [RF55-31I-T-02-50-X-SH](#) [RF55-31A-T-02-50-X-SH](#) [RF55-31E-T-02-50-X-SH](#) [RF55-31L-T-02-50-X-SH](#) [RF55-31Z-T-02-50-X-SH](#) [RF55-31C-T-02-50-X-SH](#) [RF55-31K-T-02-50-X-SH](#) [RF55-31B-T-02-50-X-SH](#)
[RF55-31M-T-02-50-X-SH](#) [RF55-31F-T-02-50-X-SH](#) [RF55-31H-T-02-50-X-SH](#) [RF55-31D-T-02-50-X-SH](#)