

REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	06/27/2025	AKRESOWSKI	DWANG

NOTES:

1. SEE SHEET 2 FOR CONNECTOR ASSEMBLY INSTRUCTIONS.

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

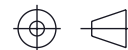
TOLERANCES:  
X = ±.2 [5] FRACTIONS  
XX = ±.02 [0.5] ± 1/32  
XXX = ±.005 [0.13] ANGLES ± 1°

CABLE LENGTH TOLERANCES:  
≤12 [305] = +1 [25] / -0  
>12 [305] ≤60 [1524] = +2 [51] / -0  
>60 [1524] ≤120 [3048] = +4 [102] / -0  
>120 [3048] ≤300 [7620] = +6 [152] / -0  
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY  
AND SUBJECT TO CHANGE WITHOUT NOTICE  
UN-DIMENSIONED/NON-CRITICAL FEATURES  
MAY VARY IN SIZE AND LOCATION  
COLORS MAY VARY



Website: [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com)  
Phone: 1.800.715.4396 | 1.972.649.6678



INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE NONE SHEET 1 OF 2

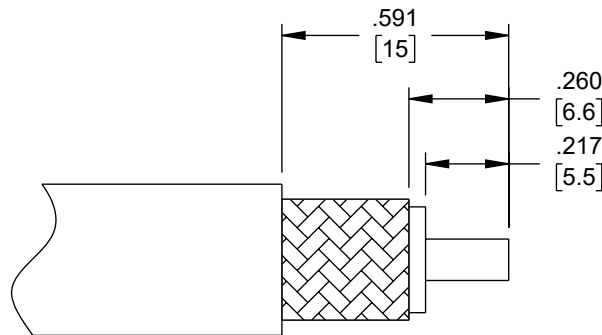
DESCRIPTION

RF CONNECTOR, RP-TNC BULKHEAD JACK FOR RG8, 400-SERIES CABLE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	AKRESOWSKI	FMCN5449	A

## CONNECTOR ASSEMBLY INSTRUCTIONS:

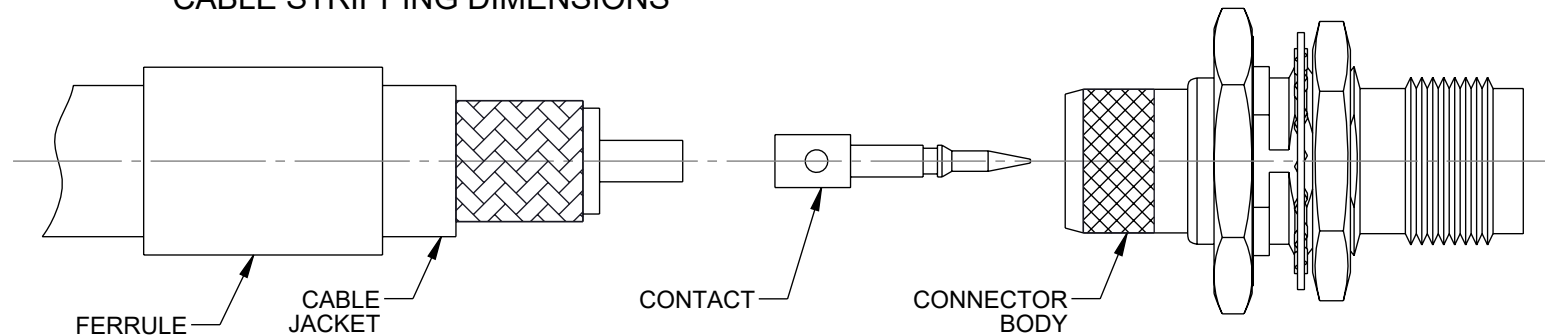
1. SLIDE CRIMP FERRULE ONTO CABLE.
2. STRIP CABLE TO RECOMMENDED DIMENSIONS SHOWN BELOW.
3. INSERT CABLE CENTER CONDUCTOR INTO CONTACT UNTIL CONTACT IS FLUSH AGAINST CABLE DIELECTRIC.
4. CRIMP (OR SOLDER) CONTACT.
5. INSERT CABLE ASSEMBLY INTO REAR OF CONNECTOR BODY, WITH ALL BRAID WIRES ON THE OUTSIDE OF THE INNER FERRULE.
6. PUSH CABLE ASSEMBLY FORWARD UNTIL CONTACT SNAPS INTO PLACE INSIDE INSULATOR. SLIDE CRIMP SLEEVE FORWARD UNTIL FLUSH WITH CONNECTOR BODY AND CRIMP.



CABLE STRIPPING DIMENSIONS

### CRIMP SIZE:

FERRULE: .429 [10.9] HEX  
CONTACT: .118 [3] HEX



Website: [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com)  
Phone: 1.800.715.4396 | 1.972.649.6678



INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE  
SHEET: 2 OF 2

### DESCRIPTION

RF CONNECTOR, RP-TNC BULKHEAD JACK FOR RG8, 400-SERIES CABLE

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	AKRESOWSKI	FMCN5449	A