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

C

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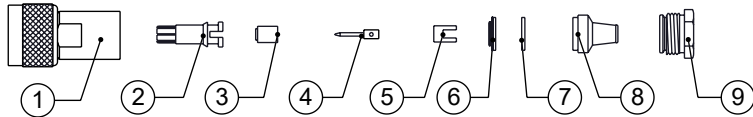
A

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
TOLERANCES:	
X = ±.2 [5]	FRACTIONS ± 1/32
XX = ±.02 [0.5]	ANGLES ± 1°
XXX = ±.005 [0.13]	
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	

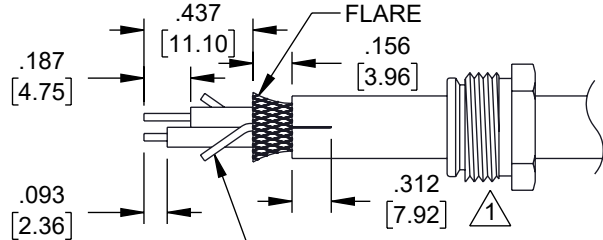
 <b>Fairview Microwave®</b> an INFINIT® brand			
Website: <a href="http://www.FairviewMicrowave.com">www.FairviewMicrowave.com</a> Phone: 1.800.715.4396   1.972.649.6678		SCALE NONE	SHEET 1 OF 2
DESCRIPTION 78 OHM THREADED TRT PLUG 1553 CONNECTOR WRENCH CRIMP FOR M17/176-00002			
SIZE A	CAGE CODE 3FKR5	DRAWN BY SREITER	ITEM NO. PL375-47-FM
			REV B

# ASSEMBLY INSTRUCTIONS



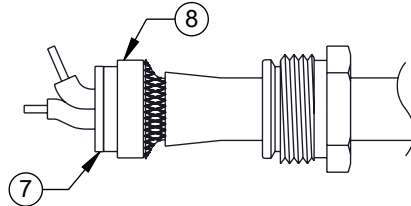
- ① BODY ASSEMBLY
- ② INNER SHIELD
- ③ DIELECTRIC
- ④ CONTACT
- ⑤ NOTCHED INSERT
- ⑥ SPACER
- ⑦ INSULATING WASHER
- ⑧ CONE
- ⑨ CLAMP NUT

## STEP 1



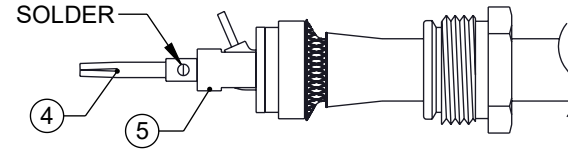
- PLACE ⑨ ONTO CABLE.
- STRIP CABLE AS SHOWN AND FLARE BRAID TO ALLOW FREE ENTER OF ⑧. (△ LATERAL SLITS, 180° APART MAY BE REQUIRED FOR INFLEXIBLE JACKET MATERIALS).
- LIGHTLY TIN CENTER CONDUCTOR.

## STEP 2



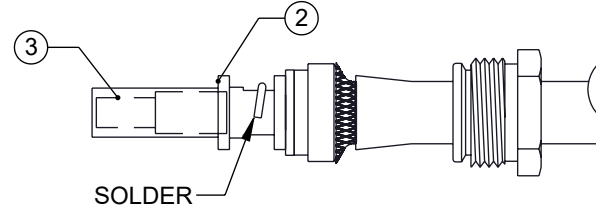
- PUSH ⑧ UNDER BRAID UNTIL BRAID IS FLUSH WITH EDGE OF ⑧.
- INSTALL ⑦ OR ⑥ OVER CONDUCTORS AND SEAT AGAINST ⑧.
- BEND LONGER BARED CONDUCTOR AT RIGHT ANGLE AND POSITION OTHER CONDUCTOR TO CENTER OF CABLE.

## STEP 3



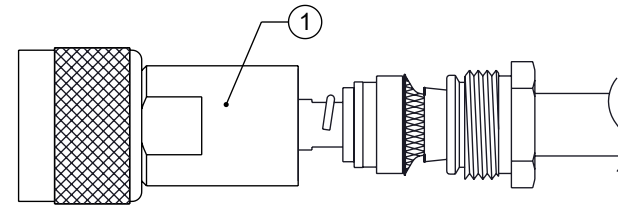
- PLACE ⑤ OVER CONDUCTORS WITH CENTER CONDUCTOR THRU CENTER HOLE AND OTHER CONDUCTOR THRU SIDE SLOT UNTIL SEATED AGAINST ⑦ OR ⑧.
- INSTALL ④ OVER CENTER CONDUCTOR. SEAT AGAINST ⑤ AND SOLDER IN PLACE.

## STEP 4



- PLACE ③ OVER ④ UNTIL BOTTOMED.
- INSTALL ② OVER ③ & ⑤ WITH CONDUCTOR THRU SIDE SLOT UNTIL BOTTOMED.
- WRAP CONDUCTOR BETWEEN ② RIDGES AND SOLDER, BEING CAREFUL NOT TO ALLOW SOLDER OR CONDUCTOR TO EXTEND ABOVE ② RIDGES.

## STEP 5



- BRING ⑨ UP ONTO TAPERED PORTION OF CABLE.
- ASSEMBLE ① OVER ENTIRE ASSY AND ENGAGE WITH ⑨.
- WRENCH TIGHTEN TO 25-35 IN LBS TORQUE.



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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE NONE SHEET 2 OF 2

### DESCRIPTION

78 OHM THREADED TRT PLUG 1553 CONNECTOR WRENCH CRIMP FOR M17/176-00002

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	SREITER	PL375-47-FM	B

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