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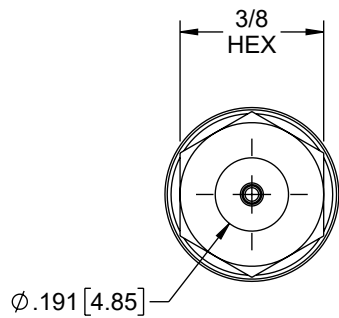
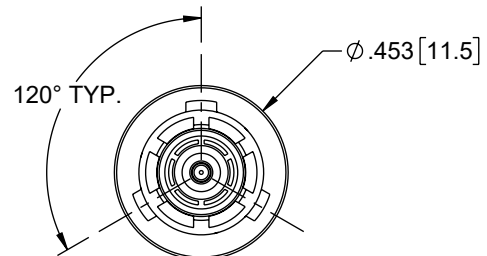
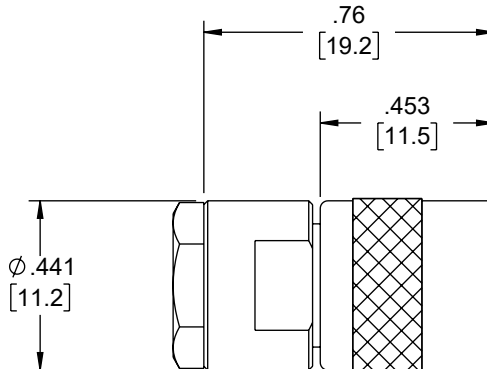
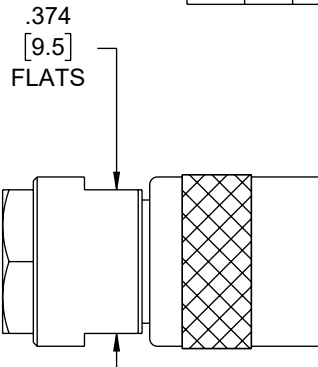
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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-13202	04/18/2024	KGLEBOVA	KHIETPAS



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

**Fairview Microwave®**  
an INFINIT® brand

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	SHEET
NONE	1 OF 2

DESCRIPTION

**50 OHM TRS SUBMINIATURE PLUG 1553 CONNECTOR  
CRIMP/SOLDER ATTACHMENT TRC-50-1**

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	SREITER	FMCN10-10030-370	B

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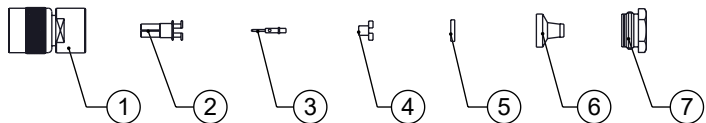
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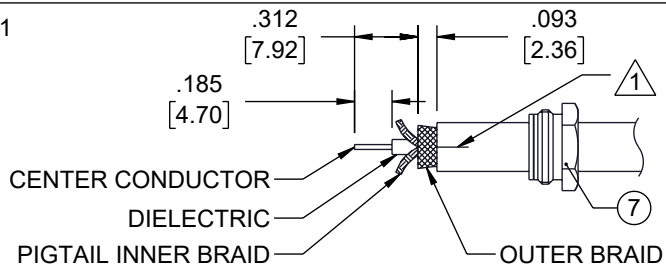
1

# ASSEMBLY INSTRUCTIONS



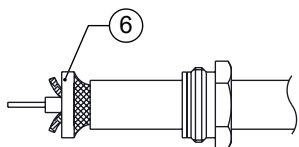
- ① BODY ASSEMBLY
- ② INNER SHIELD ASSEMBLY
- ③ CONTACT
- ④ NOTCHED INSERT
- ⑤ CONE DIELECTRIC
- ⑥ CONE
- ⑦ CLAMP NUT

## STEP 1



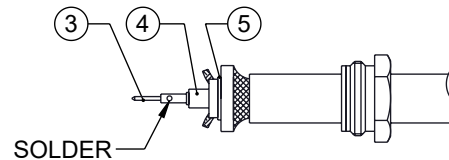
- PLACE ⑦ ONTO CABLE.
- STRIP CABLE AS SHOWN AND FLARE BRAID TO ALLOW FREE ENTER OF ⑥. (① LATERAL SLITS 180° APART MAY BE REQUIRED FOR INFLEXIBLE JACKET MATERIALS).
- LIGHTLY TIN CENTER CONDUCTOR.

## STEP 2



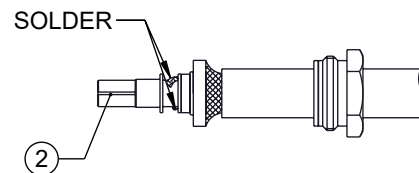
- SLIP ⑥ UNDER OUTER BRAID AND JACKET UNTIL BRAID IS FLUSH WITH EDGE OF ⑥.

## STEP 3



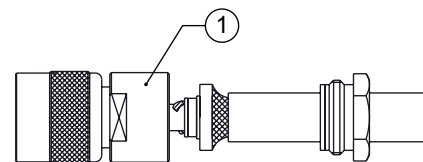
- PLACE ⑤ OVER PIGTAILS AND SEAT IN ⑥.
- INSTALL ④ WITH CENTER CONDUCTOR THRU CENTER HOLE AND PIGTAILS THRU SIDE SLOTS UNTIL SEATED AGAINST ⑤.
- POSITION ③ OVER CENTER CONDUCTOR AND SOLDER IN PLACE.

## STEP 4



- PLACE ② OVER ③ AND ④ WITH PIGTAILS THRU SIDE SLOTS.
- WRAP PIGTAILS BETWEEN ② RIDGES AND SOLDER, BEING CAREFUL NOT TO ALLOW PIGTAILS OR SOLDER TO EXTEND ABOVE RIDGES.

## STEP 5



- BRING ⑦ UP ONTO TAPERED PORTION OF CABLE.
- ASSEMBLE ① OVER ENTIRE ASSY AND ENGAGE WITH ⑦.
- 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  
50 OHM TRS SUBMINIATURE PLUG 1553 CONNECTOR  
CRIMP/SOLDER ATTACHMENT TRC-50-1

SIZE A	CAGE CODE 3FKR5	DRAWN BY SREITER	ITEM NO. FMCN10-10030-370	REV B
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