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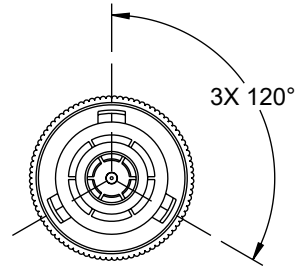
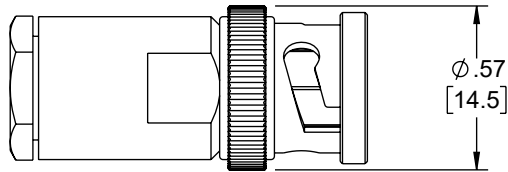
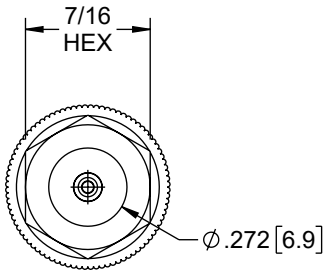
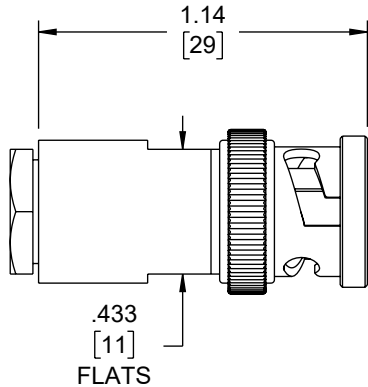
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REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-13202	04/15/2024	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



Website: [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com)  
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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
SCALE NONE	SHEET 1 OF 2

DESCRIPTION  
**75 OHM TRB 3-SLOT PLUG 1553 CONNECTOR CLAMP/SOLDER ATTACHMENT FOR TRC-50-2, TRC-75-2, BELDEN 9222**

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	SREITER	FMCN10-06030-310	B

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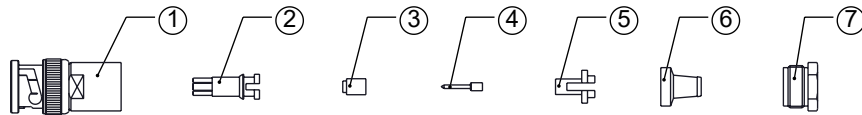
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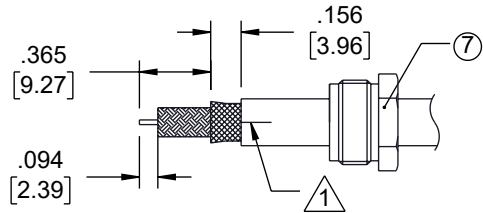
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### ASSEMBLY INSTRUCTIONS



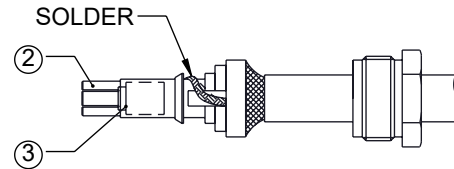
- ① BODY ASSEMBLY
- ② INNER SHIELD
- ③ DIELECTRIC
- ④ CONTACT
- ⑤ CONE INSERT
- ⑥ CONE
- ⑦ CLAMP NUT

#### STEP 1



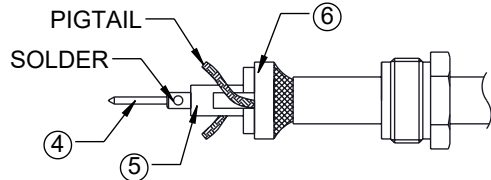
1. PLACE ⑦ ONTO CABLE.
2. STRIP CABLE AS SHOWN AND FLARE BRAID TO ALLOW FREE ENTER OF ⑥. (△) LATERAL SLITS 180° APART MAY BE REQUIRED FOR VERY INFLEXIBLE JACKET MATERIALS). LIGHTLY TIN CENTER CONDUCTOR.
3. LIGHTLY TIN CENTER CONDUCTOR.

#### STEP 3



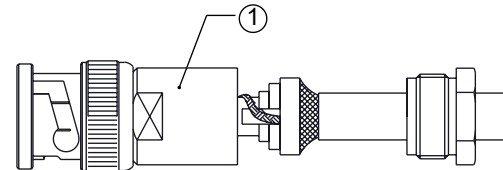
1. PLACE ③ OVER ④ UNTIL BOTTOMED.
2. INSTALL ② OVER ③ & ⑤ WITH PIGTAIL THROUGH NOTCHES.
3. WRAP PIGTAIL BETWEEN ② RIDGES AND SOLDER (DO NOT ALLOW PIGTAIL AND SOLDER TO EXTEND ABOVE ② RIDGES).

#### STEP 2



1. PUSH ⑥ UNDER OUTER BRAID UNTIL BRAID IS FLUSH WITH EDGE OF ⑥. TRIM ANY ERRANT STRANDS.
2. SEPARATE INNER BRAID AND PIGTAIL BOTH SIDES.
3. INSTALL ⑤ INTO ⑥ WITH PIGTAIL THROUGH SIDES.
4. POSITION ④ AND SOLDER IN PLACE.

#### STEP 4



1. BRING ⑦ UP ONTO TAPERED PORTION OF ⑥.
2. ASSEMBLE ① OVER ENTIRE ASSY AND ENGAGE WITH ⑦.
3. WRENCH TIGHTEN TO 25-35 IN LBS TORQUE.



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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	2 OF 2

DESCRIPTION  
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