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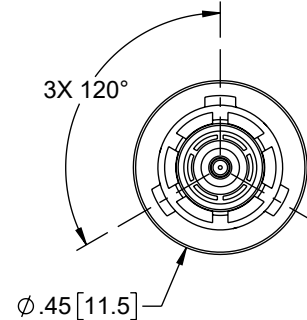
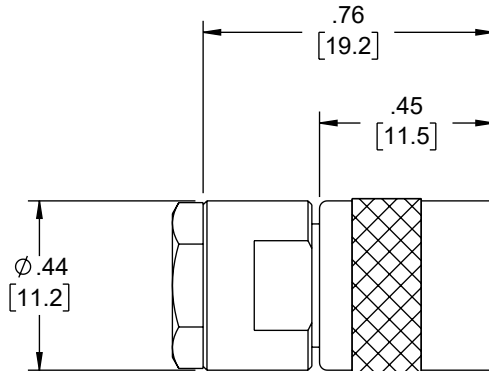
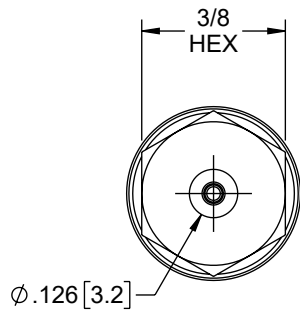
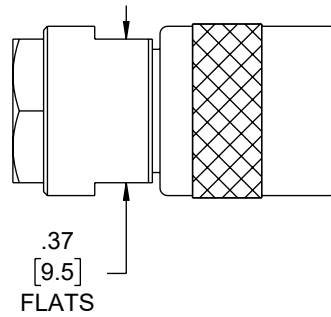
D

C

B

A

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



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  
**78 OHM TRS SUBMINIATURE PLUG 1553 CONNECTOR  
CRIMP/SOLDER ATTACHMENT FOR FMBC-30-02002,  
TWAC-78-1F2,**

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	SREITER	FMCN10-10030-242	B

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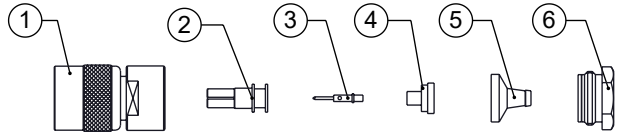
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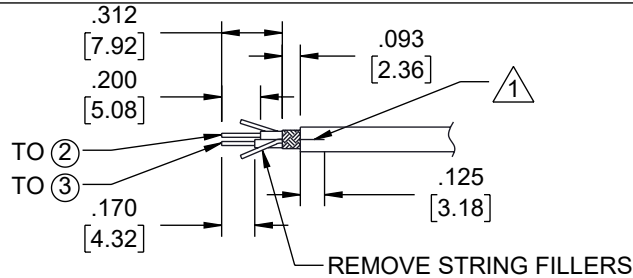
1

## ASSEMBLY INSTRUCTIONS



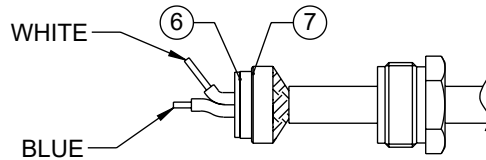
- |                 |                         |
|-----------------|-------------------------|
| ① BODY ASSEMBLY | ④ DUAL ENTRY DIELECTRIC |
| ② INNER SHIELD  | ⑤ CONE                  |
| ③ CONTACT       | ⑥ CLAMP NUT             |

### STEP 1



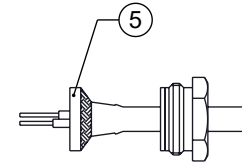
- STRIP CABLE AS SHOWN. (△ LATERAL SLITS 180° APART MAY BE REQUIRED FOR INFLEXIBLE JACKET MATERIALS).

### STEP 2



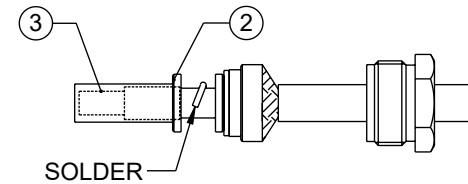
- PLACE ⑥ ONTO CABLE.
- LIGHTLY TIN CONDUCTORS AND FLARE BRAID TO ALLOW FREE ENTRY OF ⑤.

### STEP 3



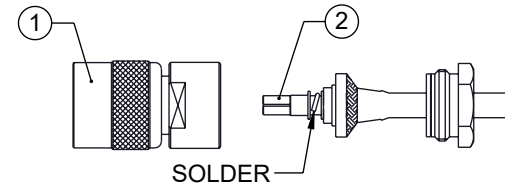
- PUSH ⑤ UNDER BRAID UNTIL BRAID IS FLUSH WITH EDGE OF ⑤.

### STEP 4



- INSERT CONDUCTORS THROUGH ④ WITH BLUE CONDUCTOR THROUGH CENTER HOLE AND WHITE CONDUCTOR THROUGH SIDE SLOT, INSTALL ③ OVER BLUE CENTER CONDUCTOR AND SOLDER.

### STEP 5



- INSERT ② OVER ③ & ④.
- SOLDER WHITE CONDUCTOR TO ②. BETWEEN RIDGES, BEING CAREFUL NOT TO ALLOW SOLDER TO EXTEND ABOVE RIDGES.
- PLACE ① OVER ENTIRE ASSEMBLY. BRING UP ⑥ TO ① AND TIGHTEN ASSEMBLY TO 25-30 IN LB TORQUE.



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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE NONE	SHEET 2 OF 2
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DESCRIPTION  
78 OHM TRS SUBMINIATURE PLUG 1553 CONNECTOR  
CRIMP/SOLDER ATTACHMENT FOR FMBC-30-02002, TWAC-78-1F2.

SIZE A	CAGE CODE 3FKR5	DRAWN BY SREITER	ITEM NO. FMCN10-10030-242	REV B
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