

6

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1

REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-13202	04/30/2024	KGLEBOVA	KHIETPAS

F

F

E

E

D

D

C

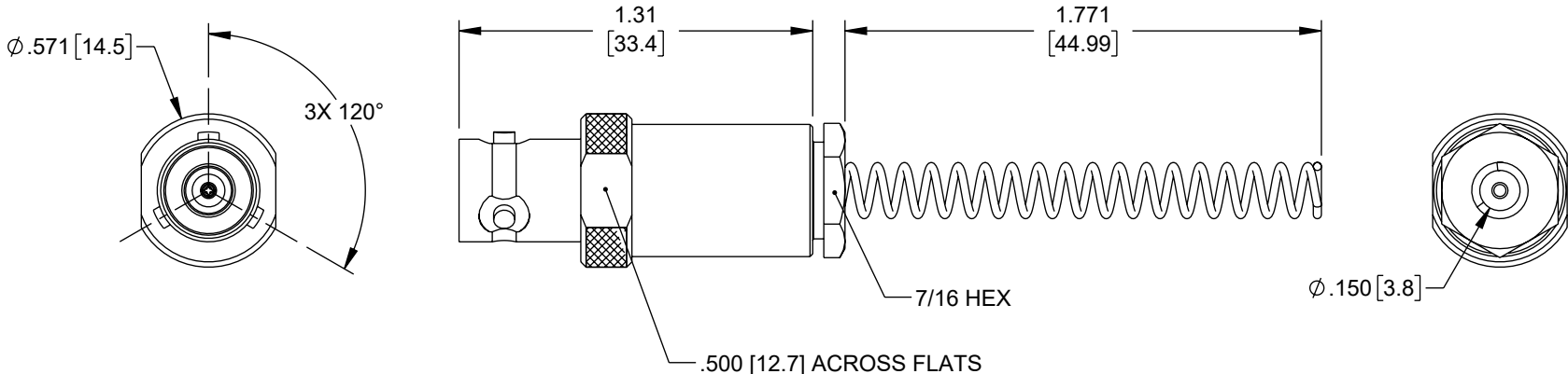
C

B

B

A

A



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
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 TRB 3-LUG JACK 1553 CONNECTOR
CLAMP/SOLDER ATTACHMENT WITH BEND RELIEF FOR
M17/176-00002 (OD .129")**

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	SREITER	FMCN10-06570-206	B

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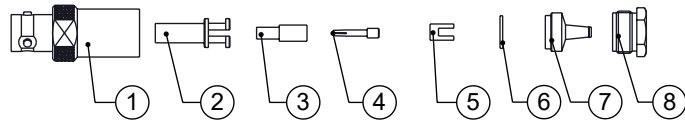
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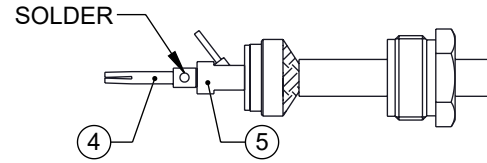
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ASSEMBLY INSTRUCTIONS



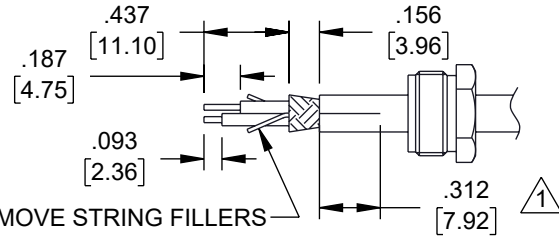
- | | |
|-----------------|---------------------|
| ① BODY ASSEMBLY | ⑤ NOTCHED INSERT |
| ② INNER SHIELD | ⑥ INSULATING WASHER |
| ③ DIELECTRIC | ⑦ CONE |
| ④ CONTACT | ⑧ CLAMP NUT |

STEP 3



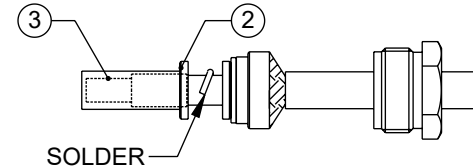
- PLACE ⑤ OVER CONDUCTORS WITH CENTER CONDUCTOR THRU CENTER HOLE AND OTHER CONDUCTOR THRU SIDE SLOT UNTIL SEATED AGAINST ⑥ OR ⑦.
- INSTALL ④ OVER CENTER CONDUCTOR. SEAT AGAINST ⑤ AND SOLDER IN PLACE.

STEP 1



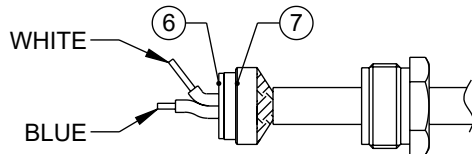
- PLACE ⑧ ONTO CABLE.
- STRIP CABLE AS SHOWN AND FLARE BRAID TO ALLOW FREE ENTER OF ⑦. (▲ LATERAL SLITS 180° APART MAY BE REQUIRED FOR INFLEXIBLE JACKET MATERIALS).
- LIGHTLY TIN CENTER CONDUCTOR.

STEP 4



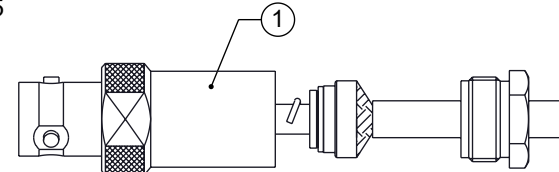
- PLACE ③ OVER ④ UNTIL BOTTOMED.
- INSTALL ② OVER ③ & ⑤ WITH CONDUCTOR THRU SIDE SLOT UNTIL BOTTOMED.
- WRAP CONDUCTOR BETWEEN ② RIDGES AND SOLDER. BEING CAREFUL NOT TO ALLOW SOLDER OR CONDUCTOR TO EXTEND ABOVE ② RIDGES.

STEP 2



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

STEP 5



- BRING ⑧ UP ONTO TAPERED PORTION OF CABLE.
- ASSEMBLE ① OVER ENTIRE ASSY AND ENGAGE WITH ⑧.
- WRENCH TIGHTEN TO 25-35 IN LBS TORQUE.

NOTES:

- THE SPRING NOT SHOWN.



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<small>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</small>	
SCALE NONE	SHEET 2 OF 2

DESCRIPTION
78 OHM TRB 3-LUG JACK 1553 CONNECTOR CLAMP/SOLDER ATTACHMENT WITH BEND RELIEF FOR M17/176-00002 (OD .129")

SIZE A	CAGE CODE 3FKR5	DRAWN BY SREITER	ITEM NO. FMCN10-06570-206	REV B
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