

6

5

4

3

2

1

REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	C	ECO-13202	04/16/2024	KGLEBOVA	KHIETPAS

F

F

E

E

D

D

C

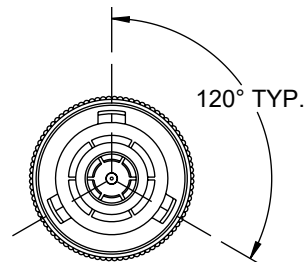
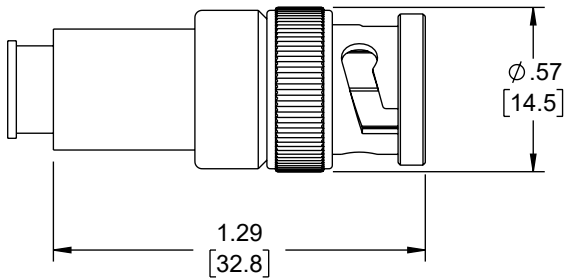
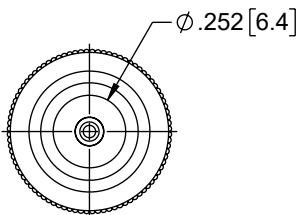
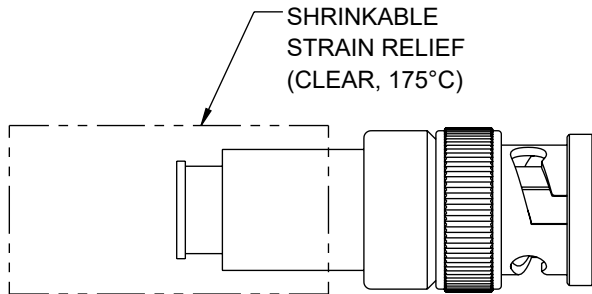
C

B

B

A

A



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
X = ±.2 [5] FRACTIONS ± 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



Website: www.FairviewMicrowave.com
Phone: 1.800.715.4396 | 1.972.649.6678

INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE NONE SHEET 1 OF 2

DESCRIPTION
78 OHM TRB 3-SLOT PLUG 1553 CONNECTOR FULL CRIMP ATTACHMENT FOR TWINAXIAL OD .242" CABLE

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	SREITER	FMCN10-06031-210	C

6

5

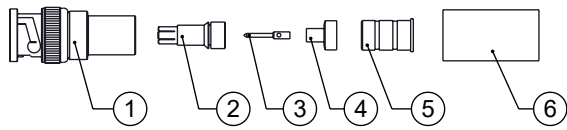
4

3

2

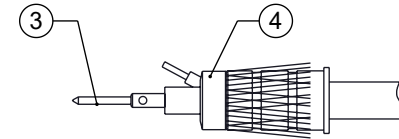
1

ASSEMBLY INSTRUCTIONS



- ① BODY ASSEMBLY
- ② CRIMP SHIELD ASSEMBLY
- ③ CONTACT
- ④ DUAL ENTRY DIELECTRIC
- ⑤ CRIMP BUSHING
- ⑥ SHRINKABLE STRAIN RELIEF

STEP 3



- BEND WHITE CONDUCTOR OUTWARD AND POSITION BLUE CONDUCTOR TO CENTER OF CABLE.
- INSTALL ④ WITH BLUE CONDUCTOR THRU CENTER HOLE AND WHITE CONDUCTOR THRU SLOT.
- POSITION ③ OVER BLUE CONDUCTOR AND CRIMP IN PLACE USING MILITARY CRIMP TOOL M22520/1-01 SELECTION 4 WITH TROMPETER POSITION 010-0044.

STEP 1

FIGURE 1

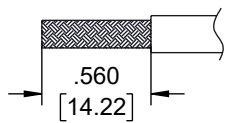
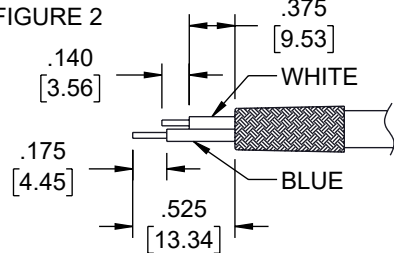


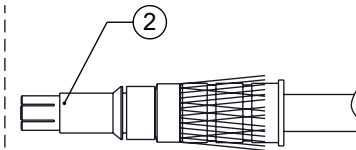
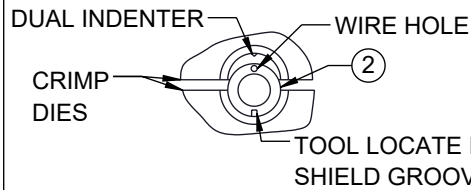
FIGURE 2



- REMOVE OUTER JACKET AS RECOMMENDED IN FIGURE 1.
- FOLD BRAID BACK OVER JACKET.
- STRIP CENTER CONDUCTORS TO RECOMMENDED DIMENSIONS AS SHOWN IN FIGURE 2, OPTIONAL; LIGHTLY TIN CONDUCTORS.

STEP 4

DETAIL A



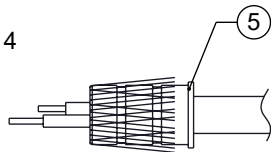
- PLACE ② OVER ③, INSERT WHITE CONDUCTOR INTO SMALL HOLE AT REAR OF ② AND BOTTOM AGAINST ④.
- CRIMP IN PLACE USING MILITARY CRIMP TOOL M22520/5-01 WITH TROMPETER CD5-8 (DANIELS Y778) DIE SET, POSITION B (SEE DETAIL A).

STEP 2

FIGURE 3

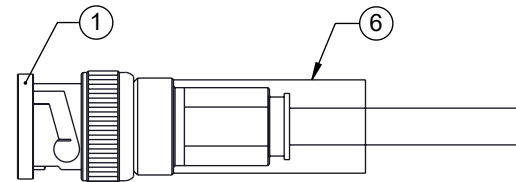


FIGURE 4



- BRING BRAID FORWARD OVER CONDUCTORS AND TWIST BRAID AROUND CONDUCTORS (FIGURE 3).
- PLACE ⑥ ONTO CABLE.
- PUSH CABLE THRU ⑤ UNTIL JACKET BOTTOMS INSIDE OF ⑤.
- FOLD BRAID BACK OVER ⑤ (FIGURE 4).

STEP 5



- PUSH ② INTO ① UNTIL BOTTOMED, HOLD ② FIRMLY BOTTOMED UNTIL FULLY CRIMPED AS SHOWN USING MILITARY CRIMP TOOL M22520/5-01 WITH TROMPETER CD5-8 (DANIELS Y778) DIE SET, POSITION A.
- BRING ⑥ UP ONTO ① TO POSITION SHOWN AND SHRINK IN PLACE.



Website: www.FairviewMicrowave.com
Phone: 1.800.715.4396 | 1.972.649.6678

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE SHEET: 2 OF 2

DESCRIPTION

78 OHM TRB 3-SLOT PLUG 1553 CONNECTOR FULL CRIMP ATTACHMENT FOR TWINAXIAL OD .242" CABLE

SIZE A	CAGE CODE 3FKR5	DRAWN BY SREITER	ITEM NO. FMCN10-06031-210	REV C
-----------	--------------------	---------------------	------------------------------	----------

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

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