

# 447-326

## Composite Standard Profile EMI/RFI Micro-Banding Backshell

### with Self-Locking Rotatable Coupling and Shrink Boot Porch

## CONNECTOR DESIGNATOR:

|          |                                                             |
|----------|-------------------------------------------------------------|
| <b>A</b> | MIL-DTL-5015, -26482 Series II, and -83723 Series I and III |
| <b>F</b> | MIL-DTL-38999 Series I, II                                  |
| <b>L</b> | MIL-DTL-38999 Series 1.5 (JN1003)                           |
| <b>H</b> | MIL-DTL-38999 Series III and IV                             |
| <b>G</b> | MIL-DTL-28840                                               |
| <b>U</b> | DG123 and DG123A                                            |

## SELF-LOCKING

## ROTATABLE COUPLING

## STANDARD PROFILE

## Product Series

447 - EMI/RFI Non-Environmental  
Banding Backshells

## Angle and Profile

**S** - Straight  
**W** - 90° Elbow  
**T** - 45° Elbow

## Finish Symbol

(See Table III)

Basic Part  
Number

## Cable Entry

(See Table IV)

## Drain Hole Option

(Omit "D" if not required)

## Shrink Boot Option

Shrink boot and  
o-ring supplied  
with **T** option  
(Omit for none)

447

H

S

326

XM

19

12

D

K

T

S

## Connector Designator

**A, F, L, H, G and U**

## Connector Shell Size

(See Table II)

## Band Option

**B** = 600-057  
**K** = 600-057-1  
 Bands are  
 Precoiled  
 (Omit for none)

## Slot Option

**S** - Pigtail  
 Termin. Slot  
 (Omit for none)

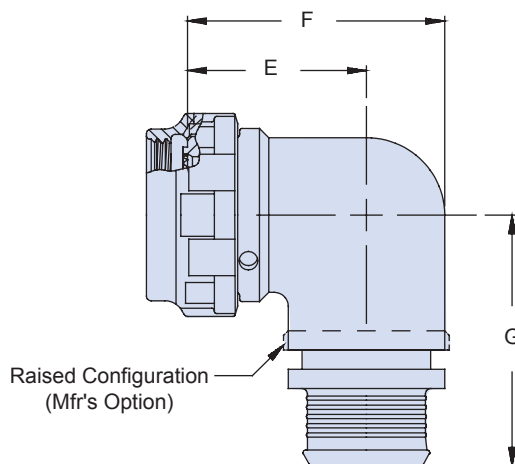
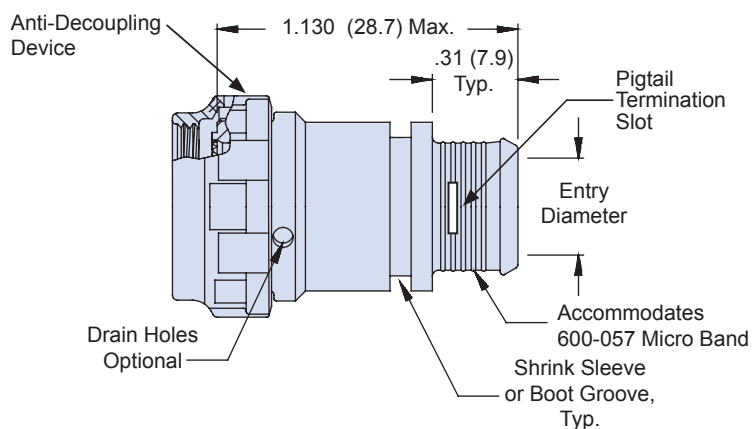


TABLE II: CONNECTOR SHELL SIZE

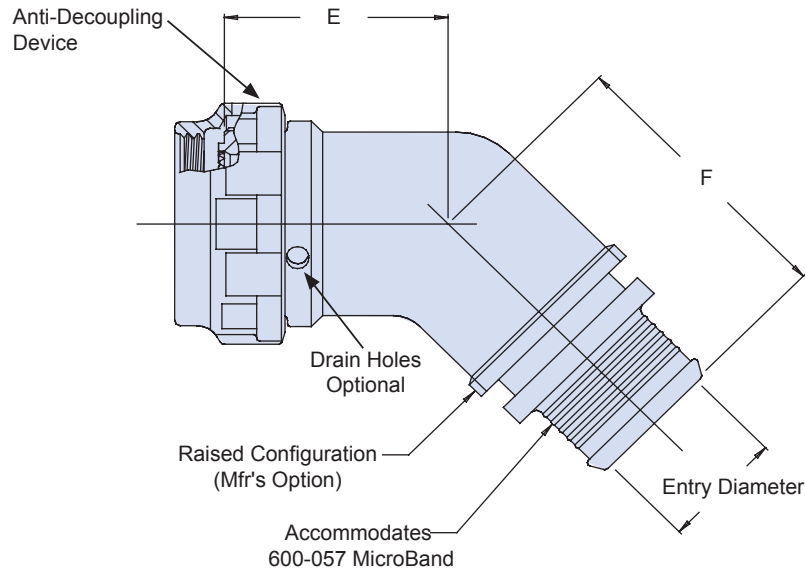
| Shell Size For<br>Connector Designator* |     |    |    |    | E     |        | F     |        | G     |        | Max Entry<br>Dash No.** |
|-----------------------------------------|-----|----|----|----|-------|--------|-------|--------|-------|--------|-------------------------|
| A                                       | F/L | H  | G  | U  | ± .06 | (1.5)  | ± .09 | (2.3)  | ± .09 | (2.3)  |                         |
| 08                                      | 08  | 09 | —  | —  | .69   | (17.5) | .88   | (22.4) | 1.06  | (26.9) | 04                      |
| 10                                      | 10  | 11 | —  | 08 | .75   | (19.1) | 1.00  | (25.4) | 1.13  | (28.7) | 06                      |
| 12                                      | 12  | 13 | 11 | 10 | .81   | (20.6) | 1.13  | (28.7) | 1.19  | (30.2) | 08                      |
| 14                                      | 14  | 15 | 13 | 12 | .88   | (22.4) | 1.31  | (33.3) | 1.25  | (31.8) | 10                      |
| 16                                      | 16  | 17 | 15 | 14 | .94   | (23.9) | 1.38  | (35.1) | 1.31  | (33.3) | 12                      |
| 18                                      | 18  | 19 | 17 | 16 | .97   | (24.6) | 1.44  | (36.6) | 1.38  | (35.0) | 13                      |
| 20                                      | 20  | 21 | 19 | 18 | 1.06  | (26.9) | 1.63  | (41.4) | 1.48  | (36.8) | 15                      |
| 22                                      | 22  | 23 | —  | 20 | 1.13  | (28.7) | 1.75  | (44.5) | 1.54  | (39.1) | 17                      |
| 24                                      | 24  | 25 | 23 | 22 | 1.19  | (30.2) | 1.88  | (47.8) | 1.60  | (40.6) | 19                      |
| 28                                      | —   | —  | 25 | 24 | 1.34  | (34.0) | 2.13  | (54.1) | 1.70  | (43.2) | 22                      |

\*\*Consult factory for additional entry sizes available.  
 See introduction for additional connector front-end details.

TABLE III: FINISH

| Symbol | Finish Description                                                                                  |
|--------|-----------------------------------------------------------------------------------------------------|
| XM     | 2000 Hour<br>Corrosion Resistant<br>Electroless Nickel                                              |
| XMT    | 2000 Hour<br>Corrosion Resistant<br>Ni-PTFE, Nickel-<br>Fluorocarbon<br>Polymer. 1000 Hour<br>Grey™ |
| XW     | 2000 Hour<br>Corrosion Resistant<br>Cadmium/<br>Olive Drab over<br>Electroless Nickel               |

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**TABLE II: CONNECTOR SHELL SIZE (CONT.)**

| Shell Size For<br>Connector Designator* |     |    |    |    | E              | F              | Max Entry<br>Dash No.<br>(Table 2) |  |
|-----------------------------------------|-----|----|----|----|----------------|----------------|------------------------------------|--|
| A                                       | F/L | H  | G  | U  | ± .06<br>(1.5) | ± .09<br>(2.3) |                                    |  |
| 08                                      | 08  | 09 | —  | —  | .72 (18.3)     | .87 (22.1)     | 04                                 |  |
| 10                                      | 10  | 11 | —  | 08 | .75 (19.1)     | .93 (23.6)     | 06                                 |  |
| 12                                      | 12  | 13 | 11 | 10 | .75 (19.1)     | 1.00 (25.4)    | 08                                 |  |
| 14                                      | 14  | 15 | 13 | 12 | .76 (19.3)     | 1.03 (26.2)    | 10                                 |  |
| 16                                      | 16  | 17 | 15 | 14 | .78 (19.8)     | 1.05 (26.7)    | 12                                 |  |
| 18                                      | 18  | 19 | 17 | 16 | .79 (20.1)     | 1.06 (26.9)    | 13                                 |  |
| 20                                      | 20  | 21 | 19 | 18 | .82 (20.8)     | 1.09 (27.7)    | 15                                 |  |
| 22                                      | 22  | 23 | —  | 20 | .86 (21.8)     | 1.13 (28.7)    | 17                                 |  |
| 24                                      | 24  | 25 | 23 | 22 | .89 (22.6)     | 1.16 (29.5)    | 19                                 |  |
| 28                                      | —   | —  | 25 | 24 | .92 (23.4)     | 1.19 (30.2)    | 22                                 |  |

**TABLE IV: CABLE ENTRY**

| Entry<br>Code | Entry Dia.<br>±.03<br>(0.8) | Dash No. | Entry Dia.<br>±.03<br>(0.8) |
|---------------|-----------------------------|----------|-----------------------------|
| 02            | .13 (3.3)                   | 12       | .75 (19.1)                  |
| 03            | .19 (4.8)                   | 13       | .81 (20.6)                  |
| 04            | .25 (6.4)                   | 14       | .88 (22.4)                  |
| 05            | .31 (7.9)                   | 15       | .94 (23.9)                  |
| 06            | .38 (9.7)                   | 16       | 1.00 (25.4)                 |
| 07            | .44 (11.2)                  | 17       | 1.06 (26.9)                 |
| 08            | .50 (12.7)                  | 18       | 1.13 (28.7)                 |
| 09            | .56 (14.2)                  | 19       | 1.19 (30.2)                 |
| 10            | .63 (16.0)                  | 20       | 1.25 (31.8)                 |
| 11            | .69 (17.5)                  | 22       | 1.38 (35.1)                 |

**NOTES**

- 770-001S\*\*-0 shrink boot supplied with T option. See shrink boot product page for more details.
- O-Ring will not be supplied with Connector Designator A.
- Metric dimensions (mm) are in parenthesis and are for reference only.
- Coupling nut supplied unplated.
- See Table I in Intro for front-end dimensional details.

# Mouser Electronics

Authorized Distributor

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## Glenair:

[447AS105NF2007](#) [447FJ164M1208-04B](#) [447HJ747NF1706](#) [447HJ747NF2509](#) [447HS060-19](#) [447HS060-23](#)  
[447HS105NF1906](#) [447HS105NF2506](#) [447HS109NF1307-6L](#) [447HS323NF17](#) [447HS326XM0903D](#)  
[447HS326XM1103D](#) [447HS326XM1304D](#) [447HS326XM1504](#) [447HS326XM1504D](#) [447HS326XM1505D](#)  
[447HS326XM1704D](#) [447HW326XM1103D](#) [447HW326XM1304D](#) [447HZ747NF1907](#) [447HZ747NF2309](#)  
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[447HS109NF2116-6L](#) [447HL105NF2105](#) [447AG124M20405](#) [447HJ233NF1911-P](#) [447HS059M21](#) [447HJ310MS2514](#)  
[447HF684NF1108](#) [447HJ109NF1509-LPB](#) [447HS646XM2506B](#) [447HS531NF1704C](#) [447HS133NF1502](#)  
[447HJ531NF1303](#) [447HH233NF1909-P](#) [447AJ615NF2415](#) [447HS531M1704C](#) [447CS615NF2009N](#)  
[447FS615NF1610](#) [447AS771-20](#) [447HD562M23](#) [447FS233NF2206-6P](#) [447SS488N1024](#) [447HS627M1305](#)  
[447HS531M1306B](#) [447FW809XW08](#) [447HS449-1508-6B](#) [447HS109NF1912-5LPB](#) [447HS172ZM1513](#)  
[447HS109M1106-5](#) [447AS615NF3226](#) [447AJ531NF1203](#) [447HT814XW2115](#) [447HS318Z12518-5](#) [447AS249M1408-](#)  
[03](#) [447HS797M2520-3B](#) [447FS022M20](#) [447HS233NF2106-6P](#) [447GS615NF1915](#) [447HS684NF1716-3](#)  
[447AJ531NF1605](#) [447AG124M22365](#) [447JS183NF1407](#) [447DS615NF2011](#) [447HS233NF1509-6P](#)  
[447NS300NF1508-03](#) [447FD390NF1004](#) [447HS449-0906-6B](#) [447HA557-11A](#) [447HS531NF1107C](#)  
[447HL105NF1503K](#) [447HS323NF11](#) [447HJ109B1105-EB-214](#) [447FG088NF20106](#) [447AS105NF2004](#)  
[447HS233NF0904-6P](#) [447HJ531NF2105](#) [447HS248XM1306](#) [447HS138NF1112-3](#) [447AS198NF1606-4B](#)  
[447LS022NF20](#) [447NS135NF1006-5B](#) [447AS107NF1608-6](#) [447HJ233NF1909-P](#) [447HS198M1712-4B](#)