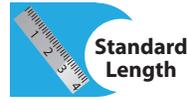
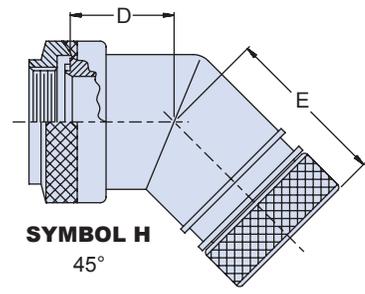
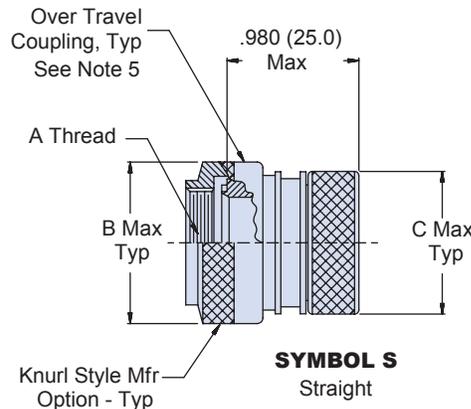
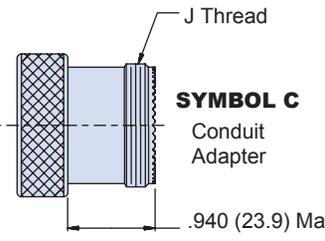
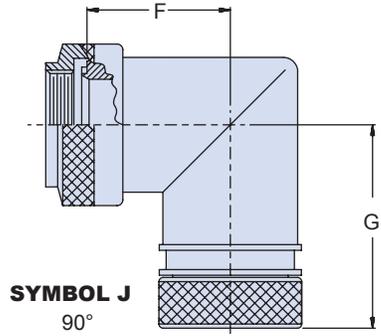
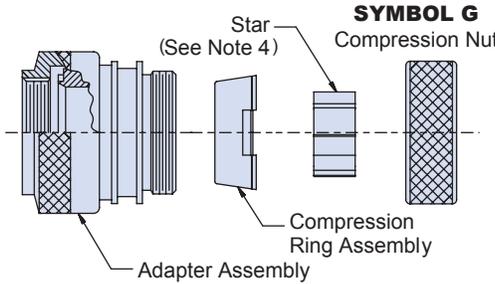
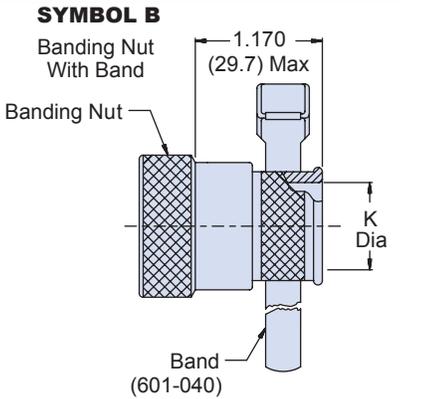
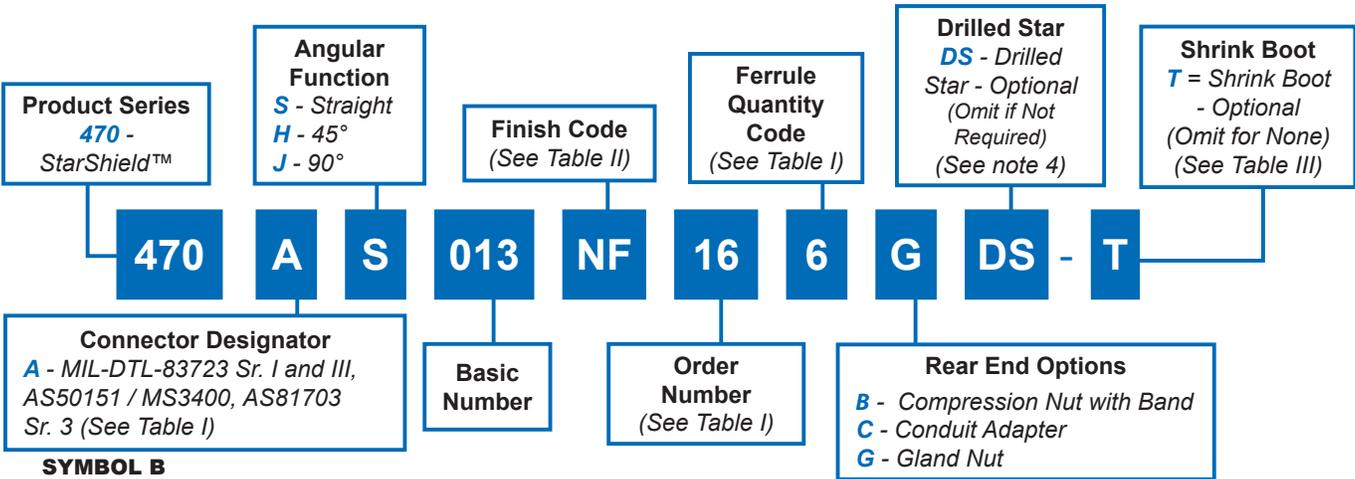




470-013
StarShield™ EM/RFI Shield Termination Backshell
for MIL-DTL-83723 Series I & III, 5015 MS3400 Series, AS81703
Series 3, and MIL-C- 26482 Series 2



StarShield™ environmental backshell with self-nestor coupling and rear end options



Dimensions in inches (millimeters) and are subject to change without notice.

470-013
StarShield™ EMI/RFI Shield Termination Backshell
 for MIL-DTL-83723 Series I & III, 5015 MS3400 Series, AS81703
 Series 3, and MIL-C- 26482 Series 2



| Order No. | Connector Shell Size | | | | A Thread Class 2 B | B Dia Max | C Dia Max | D Max |
|-----------|------------------------------|----------------------------|--------------------|-----------------------|--------------------|--------------|--------------|-------------|
| | MIL-DTL-83723 Series I & III | MIL-DTL-5015 MS3400 Series | AS81703 Series III | MIL-C-26482 Series II | | | | |
| 08 | 8 | 85 | - | 8 | 1/2-20 UNF | .660 (16.7) | .690 (17.5) | .490 (12.5) |
| 10 | 10 | 10S, 10SL | - | 10 | 5/8-24 UNEF | .870 (22.0) | .850 (21.5) | .510 (13.0) |
| 12 | 12 | 12, 12S | 7 | 12 | 3/4-20 UNEF | 1.000 (25.4) | .890 (22.5) | .550 (14.0) |
| 14 | 14 | 14, 14S | 12 | 14 | 7/8-20 UNEF | 1.180 (30.0) | 1.000 (25.4) | .570 (14.5) |
| 16 | 16 | 16, 16S | 19 | 16 | 1-20 UNEF | 1.300 (33.0) | 1.120 (28.5) | .590 (15.0) |
| 18 | 18 | 18 | 27 | 18 | 1 1/16-18 UNEF | 1.460 (37.0) | 1.240 (31.5) | .610 (15.5) |
| 20 | 20 | 20 | 37 | 20 | 1 3/16-18 UNEF | 1.500 (38.0) | 1.380 (35.0) | .650 (16.5) |
| 22 | 22 | 22 | - | 22 | 1 5/16-18 UNEF | 1.610 (41.0) | 1.500 (38.0) | .670 (17.0) |
| 24 | 24 | 24 | - | 24 | 1 7/16-18 UNEF | 1.810 (46.0) | 1.610 (41.0) | .710 (18.0) |

| Order No. | E Max | F Max | G Max | J Thread Class 2 A | K ± .004 (.10) | Ferrule Quantity (See Note 4) | |
|-----------|--------------|--------------|--------------|--------------------|----------------|-------------------------------|------|
| | | | | | | Std. | Opt. |
| 08 | 1.000 (25.4) | .630 (16.0) | 1.140 (29.0) | 1/2-20 UNF | .315 (8.00) | 1 | - |
| 10 | 1.020 (26.0) | .690 (17.5) | 1.200 (30.5) | 5/8-24 UNEF | .531 (13.5) | 2 | - |
| 12 | 1.040 (26.5) | .750 (19.0) | 1.260 (32.0) | 3/4-20 UNEF | .591 (15.0) | 3 | - |
| 14 | 1.080 (27.5) | .810 (20.5) | 1.320 (33.5) | 7/8-20 UNEF | .709 (18.0) | 5 | - |
| 16 | 1.100 (28.0) | .870 (22.0) | 1.380 (35.0) | 1-20 UNEF | .827 (21.0) | 6 | 7 |
| 18 | 1.120 (28.5) | .930 (23.5) | 1.440 (36.5) | 1 1/16-18 UNEF | .945 (24.0) | 7 | - |
| 20 | 1.140 (29.0) | 1.000 (25.4) | 1.520 (38.5) | 1 3/16-18 UNEF | 1.063 (27.0) | 9 | 11 |
| 22 | 1.180 (30.0) | 1.060 (27.0) | 1.570 (40.0) | 1 5/16-18 UNEF | 1.181 (30.0) | 10 | 13 |
| 24 | 1.220 (31.0) | 1.120 (28.5) | 1.630 (41.5) | 1 7/16-18 UNEF | 1.299 (33.0) | 12 | 17 |

| Code | Material; Finish Description |
|------|--|
| M | Aluminum; electroless nickel |
| MT | Aluminum; nickel - PTFE |
| NF | Aluminum; CAD/O. D. over electroless nickel |
| ZN | Aluminum; zinc nickel/O. D. over electroless nickel |
| ZR | Aluminum; zinc nickel/black over electroless nickel (RoHS) |
| ZRC | Aluminum; zinc nickel over electroless nickel (RoHS) |
| Z1 | Stainless steel; passivate |
| ZM | Stainless steel; electroless nickel |

| Shell Size | Shrink Boot Part Number |
|------------|-------------------------|
| 08 | 770-001S103 |
| 10 | 770-001S105 |
| 12 | 770-001S105 |
| 14 | 770-001S106 |
| 16 | 770-001S106 |
| 18 | 770-001S107 |
| 20 | 770-001S107 |
| 22 | 770-001S107 |
| 24 | 770-001S108 |

| Material/Finish: | |
|--|----------------------------------|
| Backshell, elbows, coupling and gland nut, compression ring and star | Aluminum alloy or CRES/Table III |
| Band | CRES/passivate |

Notes:

1. Assembly identified with manufacturer's name, part number and date code, space permitting.
2. For effective grounding, connector with conductive finish should be used.
3. Glenair 600 Series Backshell Assembly Tools are recommended for assembly and installation.
4. Star not supplied with Order Number 08. Drilled star is available on order numbers 14-24 only. If optional ferrule quantity per Table I is selected, one split and one solid star will be supplied.
5. Over-travel coupling design provides self-seating and self-locking functionality, eliminating lock-wire requirements.
6. Ferrule kit sold separately.
 687-764 ferrule and HST device kit
 687-809 ferrule and sealing device kit
 687-748 solder ferrule
 687-841-01 HST flex device

Dimensions in inches (millimeters) and are subject to change without notice.