MILITARY SPECIFICATION SHEET

CONNECTORS, FIBER OPTIC, CIRCULAR, PLUG AND RECEPTACLE STYLE,
MULTIPLE REMOVABLE TERMINI, WITH 45° STRAIN RELIEF,
SCREW THREADS, ENVIRONMENT RESISTING

This amendment forms a part of MIL-C-28876/28C, dated 9 July 1992, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

Title: Delete " STRAIN RELIEF" and substitute "BACKSHELL".

FIGURE 1: Delete "STRAIN RELIEF BACKNUT" and substitute "BACKSHELL BACKNUT".

FIGURE 1: Delete "BACKSHELL COUPLING NUT" and substitute "BACKSHELL COUPLING RING".

FIGURE 1, title: Delete "Backshell with strain relief" and substitute "45° backshell".

PAGE 2

FIGURE 1, table: Add the following row to the table:

"

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 23 | F | 1, 2, 3 | 165.10 (6.500) | 57.15 (2.250) | 106.68 (4.200) | See table I | See table I |

"

FIGURE 1: Add the following Note:

"7. Backshell internal configuration not shown. The backshell interface dimensions shall be in accordance with figure 10 of MIL-C-28876."

REQUIREMENTS, temperature: Delete in its entirety.

REQUIREMENTS, fiber optic cable, cable diameter: Delete and substitute:

"Cable diameter: 8.00 ± 0.50 mm (0.315 ± 0.020 inch), 11.80 ± 1.10 mm (0.425 ± 0.043 inch), or 20.75 ± 1.25 mm (.817 ± .049 inch) (see MIL-C-85045/13, MIL-C-85045/15, MIL-C-85045/17, and MIL-C-85045/18)."

REQUIREMENTS, cleaning procedures: Delete and substitute:

"Cleaning procedures: Each shipment of backshells shall include recommended cleaning procedures. The following wording or equivalent is recommended "To clean, use wipe dampened with alcohol and blow dry with air"."

PAGE 3

REQUIREMENTS, marking: Delete "coupling nut" and substitute "coupling ring".


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TABLE I: Delete and substitute the following:

"TABLE I. Pin designators.

| Shell size | Designator | Backshell dash number | Dimension D cable range | Dimension E maximum |
|---|---|---|---|---|
| 11 | A | 1L, 1 | 6.09 - 6.35 (.240 - .250) | 20.32 (.800) |
| | | 2L, 2 | 7.11 - 8.00 (.280 - .315) | 23.50 (.925) |
| | | 3L, 3 | 7.75 - 8.80 (.305 - .346) | 23.50 (.925) |
| 13 | B | 1L, 1 | 7.11 - 8.00 (.280 - .315) | 23.50 (.925) |
| | | 2L, 2 | 7.75 - 8.80 (.305 - .346) | 23.50 (.925) |
| 15 | C | 1L, 1 | 12.57 - 13.08 (.495 - .515) | 27.94 (1.10) |
| | | 2L, 2 | 9.65 - 10.74 (.380 - .423) | 23.50 (.925) |
| | | 3L, 3 | 10.75 - 11.81 (.423 - .465) | 27.94 (1.10) |
| | | 4L, 4 | 7.75 - 8.80 (.305 - .346) | 23.50 (.925) |
| 23 | F | 1 | 19.50 -22.00 (.768 - .866) | 38.10 (1.500) |
| | | 2 | 22.86 - 25.40 (.900 - 1.000) | 38.10 (1.500) |

"

PAGE 4

Delete "CONCLUDING MATERIAL" and substitute as printed herein.

"CONCLUDING MATERIAL

Custodians:
Army - CR
Navy - SH
Air Force - 85
NASA - NA

Review activities:
Army - MI
Navy - AS, MC, OS, YD
Air Force - 13, 14, 17, 19, 80, 90, 99
DLA - ES"

Preparing activity:
Navy - SH

Agent:
DLA - ES

(Project 6060-0115-15)



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