MILITARY SPECIFICATION SHEET

CONNECTORS, FIBER OPTIC, CIRCULAR, PLUG AND RECEPTACLE STYLE,
MULTIPLE REMOVABLE TERMINI, SCREW THREADS,
STRAIGHT BACKSHELL, STRAIN RELIEF, ENVIRONMENT RESISTING

This amendment forms a part of MIL-C-28876/27C, 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".

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 "Straight backshell".

PAGE 2

FIGURE 1, table, dimension B maximum: Delete "1.03 (26.2)" (two places) and substitute "30.5 (1.20)" (two places).

FIGURE 1, table, dimension B maximum: Delete "1.15 (29.2)" (two places) and substitute "30.5 (1.20)" (two places).

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

"

23	F	1, 2, 3	165.10 (6.500)	57.15 (2.250)	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"."

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

TABLE I: Delete and substitute the following:

"TABLE I. Pin designators.

Shell size	Designator	Backshell dash number	Dimension C cable range	Dimension D 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

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