

METRIC
MIL-I-24728/7
1 June 1995

MILITARY SPECIFICATION SHEET

INTERCONNECTION BOX, FIBER OPTIC, SPLICE TRAY HOLDER MODULE

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation: MIL-I-24728.

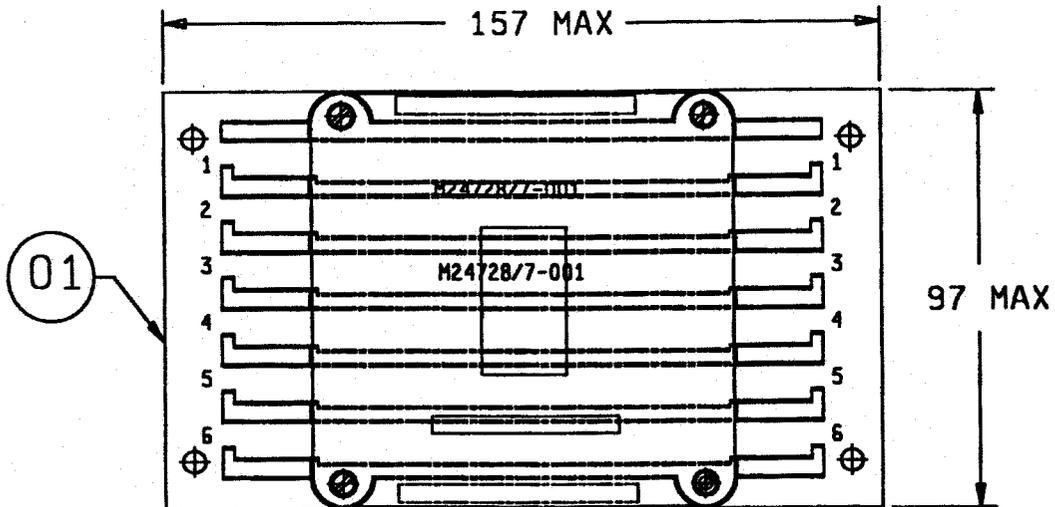
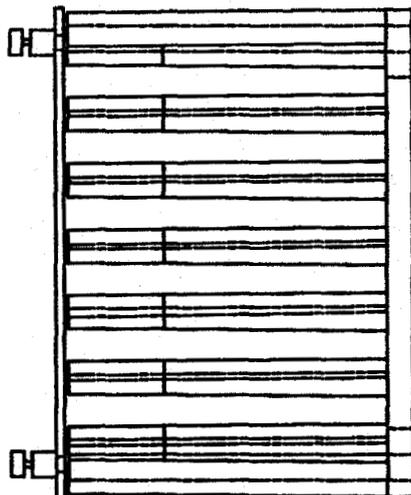
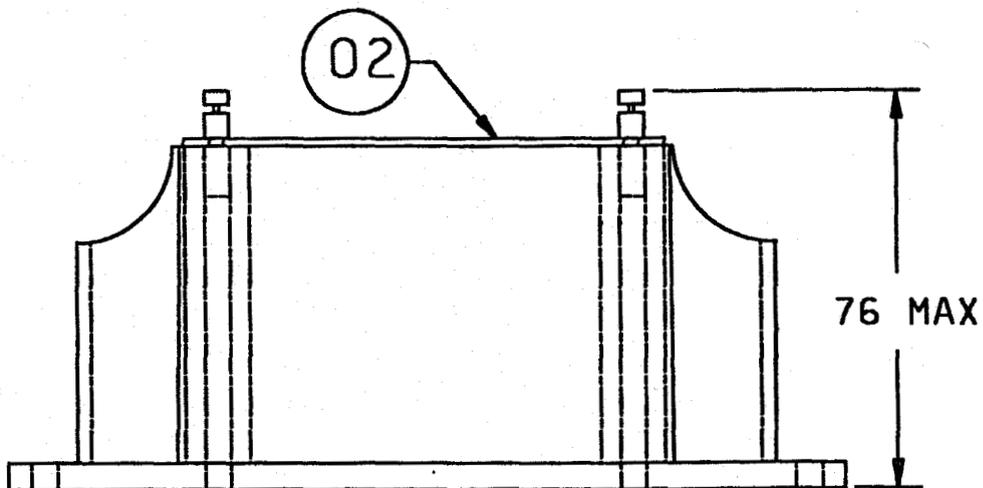


FIGURE 1. Splice tray holder module, M24728/7-001.

AMSC N/A
DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

1 of 6

FSC 5975

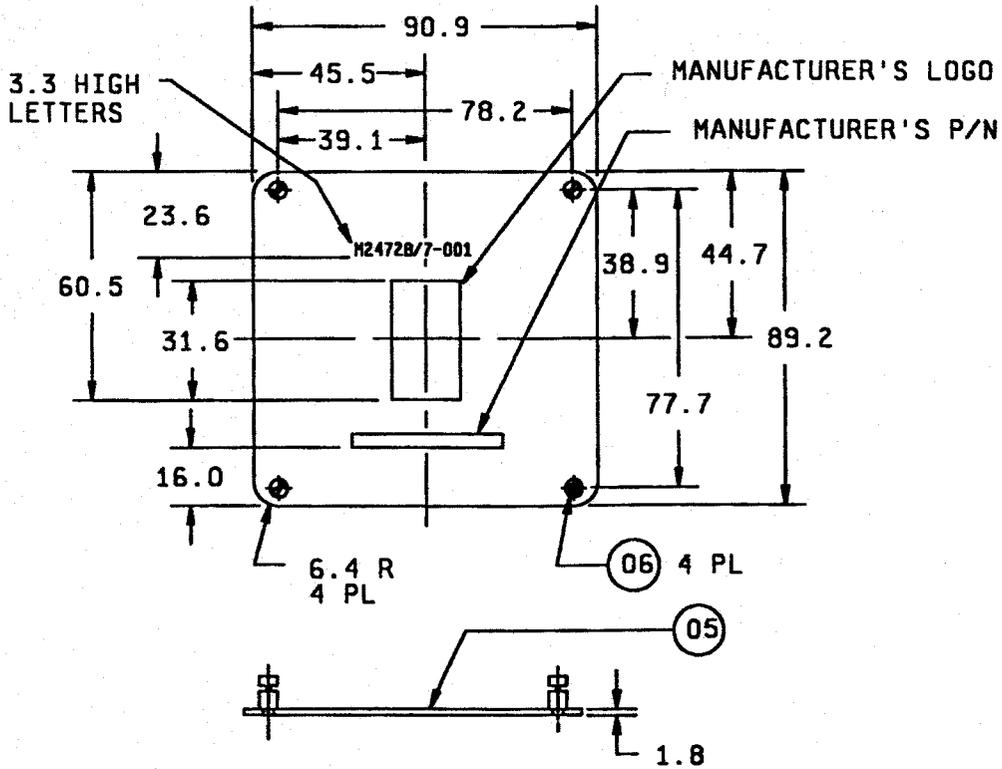


mm	Inches
76	3.0
97	3.8
157	6.2

NOTES:

1. Dimensions are in millimeters.
2. Inch-pound equivalents are given for information only.
3. Unless otherwise specified, tolerance is ± 2.5 mm (.1 inch) for one-place decimals.
4. For identification of subcomponent parts, see table I.

FIGURE 1. Splice tray holder module, M24728/7-001 - Continued.



mm	Inches	mm	Inches	mm	Inches
1.8	.07	31.6	1.25	60.5	2.38
3.3	.13	38.9	1.53	77.7	3.06
6.4	.25	39.1	1.54	78.2	3.08
16.0	.63	44.7	1.76	89.2	3.51
23.6	.93	45.5	1.79	90.9	3.58

NOTES:

1. Dimensions are in millimeters.
2. Inch-pound equivalents are given for information only.
3. Unless otherwise specified, tolerance is ± 2.5 mm (.1 inch) for one-place decimals, and ± 0.3 mm (.01 inch) for two-place decimals.

FIGURE 3. Splice tray holder cover assembly.

TABLE I. Parts list.

Subcomponent identification numbers, circled (see figures 1 through 3)	Part name	PIN	Subassembly number		Remarks and reference figures
		001	01	02	
01	Splice tray holder assembly	1	1		1 and 2
02	Splice tray holder cover assembly	1		1	1 and 3
03 <u>1/</u>	Splice tray holder		1		2
04 <u>2/</u>	M3.5 x .79 (6-32) insert		4		2
05 <u>1/</u>	Splice tray holder cover			1	3
06 <u>2/</u>	M3.5 x .79 (6-32) captive screw			4	3

1/ Lexan plastic, in accordance with ASTM-D-3935, G.E. #121, clear, or equivalent.

2/ CRES.

REQUIREMENTS:

Design and Construction: See figures 1 through 3, and table I.

Mass (M24728/7-001): .454 kg (1 pound maximum).

Patch panel module mounting: See figure 5 of MIL-I-24728/1.

Interconnect organization:

Fiber optic splices: The splice holder shall organize up to 6 MIL-S-24623/4 splice trays and 36 MIL-S-24623/4 splices.

Cable retention: Not applicable.

Cable seal flexing: Not applicable.

Cable twist: Not applicable.

Compression resistance: Not applicable.

Impact: Not applicable.

Water pressure: Not applicable.

Flammability: Not applicable.

Salt Spray: Not applicable.

Flame Spread: Not applicable.

Fungus test shall be conducted only on polymeric materials.

Temperature range: The operating temperature range shall be -54°C to +65°C and the storage range shall be -62°C to +85°C.

Part or Identifying Number (PIN): See table I.

M24728/7-001. Splice tray holder assembly and splice tray holder cover assembly.

MIL-I-24728/7

Qualification by similarity: Manufacturers who produce products for either MIL-I-24728/1, MIL-I-24728/2, or MIL-I-24728/3 and this specification sheet, and are qualified under MIL-I-24728/1, MIL-I-24728/2, or MIL-I-24728/3, and pass size inspection specified herein, are qualified under this specification sheet.

The US Government preferred system of measurement is the metric SI system. However, this item was originally designed using inch-pound units of measurement. In the event of conflict between the metric and inch-pound units, the inch-pound units shall take precedence.

CONCLUDING MATERIAL

Custodians:

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

Review activities:

Army - AR, MI
Navy - AS, CG, EC, MC, YD
Air Force - 17, 19, 80, 99
DLA - ES

Preparing activity:
Navy - SH

Agent:
DLA - ES

(Project 5975-1128)