



DEFENSE LOGISTICS AGENCY
DEFENSE SUPPLY CENTER, COLUMBUS
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

IN REPLY
REFER TO

DSCC-VAI

June 17, 2004

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT: Initial Draft of Military Standards MS24285 through MS24288 and MS24695 through MS24700, Connector, Rack and Panel, Miniature, project numbers 5935-4695 through 4703.

The initial drafts for these subject documents, dated 14 June 2004, are now available for viewing and downloading from the DSCC-VA Web site:

<http://www.dscccols.com/Programs/MilSpec>

or

<http://www.dscc.dla.mil/Programs/MilSpec/DocSearch.asp>

Major changes to these documents include: formatting documents into slash sheet format, drawings on documents have been redrawn to be more legible, and cancelled military references have been changed to the industry equivalents.

Concurrence or comments are required at this Center within 45 days from the date of this letter. Late comments will be held for the next coordination of the document. Comments from military departments must be identified as either "Essential" or "Suggested". Essential comments must be justified with supporting data. Military review activities should forward comments to their custodians of this office, as applicable, in sufficient time to allow for consolidating the department reply.

The point of contact for this document is Mr. William Carpenter, Defense Supply Center Columbus, DSCC-VAI, Post Office Box 3990, Columbus, OH 43218-3990. Mr. Carpenter can also be reached at 614-692-0573/850-0573, or by facsimile 614-692-6940/850-6940, or by e-mail to: William.F.Carpenter@dla.mil.

/SIGNED/
Richard L. Taylor
Chief
Interconnection Devices Team

cc:
VSS William Heckman
VSC Michael Jones
VQP Richard Marbias
CDAB Dave Barman

NOTE: This initial draft, dated 14 June 2004 prepared by DLA-CC, has not been approved and is subject to modification. DO NOT USE PRIOR TO APPROVAL. (PROJECT NUMBER 5935-4695)

INCH-POUND

MS24285D
DRAFT
SUPERSEDING
MS24285C
6 May 1968

DETAIL SPECIFICATION SHEET

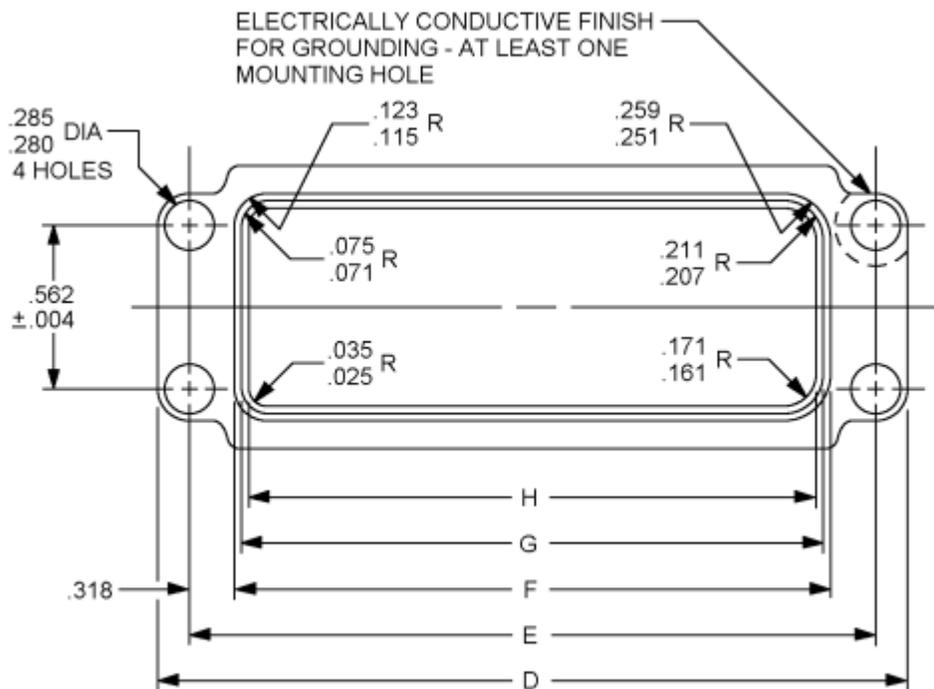
CONNECTORS, ELECTRICAL, STYLE S,
RACK AND PANEL, MINIATURE,

Inactive for new design after 8 June 1999.

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 MIL-DTL-26518.

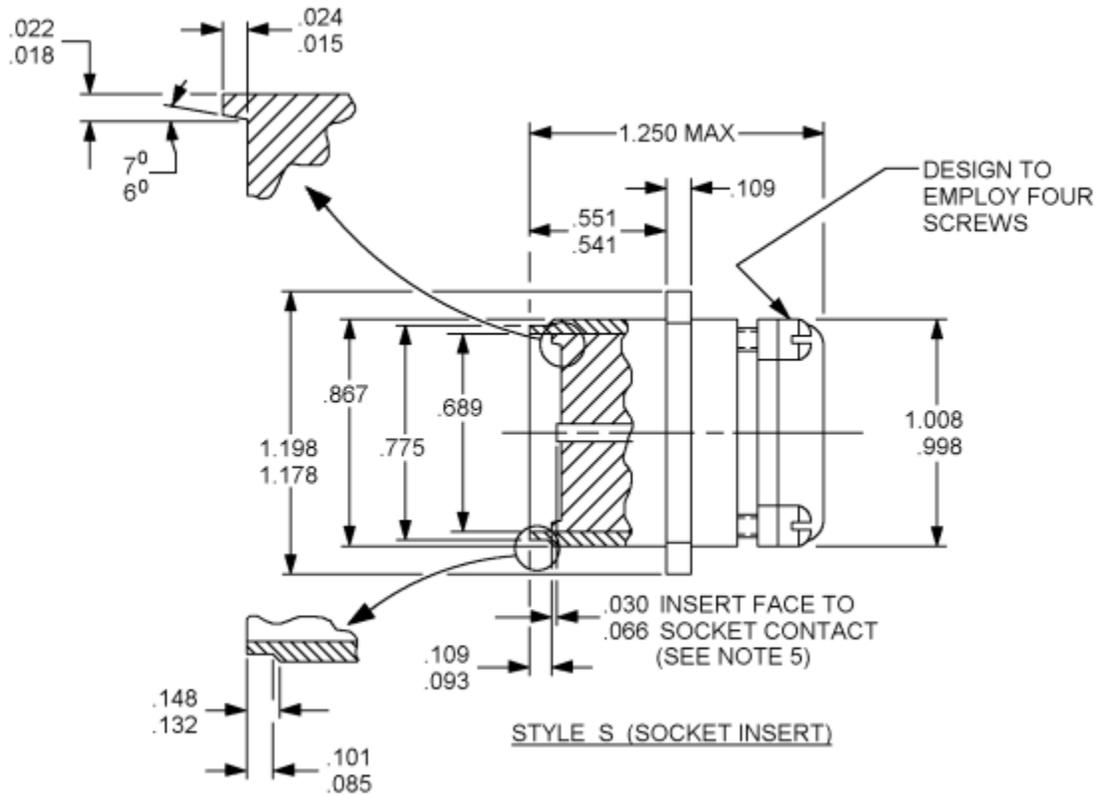
The Qualified Products List (QPL) associated with this inactive for new design specification will be maintained until acquisition of the product is no longer required, where upon the specification and QPL will be canceled.



Style S (socket insert)

FIGURE 1. Connector dimensions and configurations.

MS24285D



Environment Resistant (R) Receptacles

Shell size	D ±.005	E ±.004	F ±.005	G	H ±.005
A	4.296	3.875	3.239	3.147	3.061
B	2.866	2.445	1.809	1.717	1.631
C	2.421	2.000	1.380	2.888	1.202

FIGURE 1. Connector dimensions and configurations - Continued.

MS24285D

Inches	mm	Inches	mm	Inches	mm
.015	0.38	.161	4.09	1.008	25.60
.018	0.46	.177	4.50	1.178	29.92
.019	0.48	.185	4.70	1.198	30.43
.022	0.56	.207	5.26	1.202	30.53
.025	0.64	.211	5.36	1.250	31.75
.035	0.89	.250	6.35	1.380	35.05
.066	1.68	.253	6.43	1.631	41.43
.075	1.87	.257	6.53	1.717	43.61
.085	2.16	.280	7.11	1.809	45.95
.091	2.31	.285	7.24	2.000	50.80
.093	2.36	.313	7.95	2.421	61.49
.101	2.57	.321	8.15	2.445	62.10
.109	2.77	.385	9.78	2.866	72.80
.117	2.97	.541	13.74	2.888	73.36
.121	3.07	.551	14.00	3.061	77.75
.132	3.35	.689	17.50	3.147	79.93
.148	3.76	.775	19.69	3.239	82.27
.155	3.94	.867	22.02	3.875	98.43
		.998	25.35	4.296	109.12

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified tolerances are ± 0.003 inch (0.08 mm).
4. For insert arrangement see MS24288.
5. Dimension on socket contact location applies when contacts are placed in inserts for inspection or application.

FIGURE 1. Connector dimensions and configurations - Continued.

MS24285D

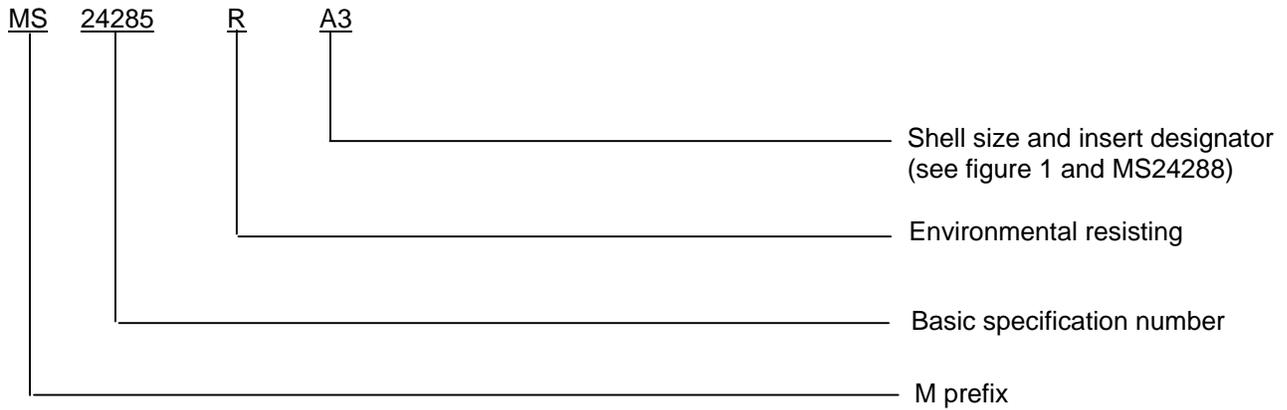
REQUIREMENTS:

Dimensions and configuration see figure 1.

Materials shall be in accordance with MIL-DTL-26518.

For mating details, see MS24287 and MS24288.

Part or Identifying Number (PIN):



Referenced documents: In addition to MIL-DTL-26518 this document references the following:

- MS24287
- MS24288

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

CONCLUDING MATERIAL

Custodians:
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC

(Project 5935-4695-000)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at www.dodssp.daps.mil.

PROJECT NUMBER 5935-4695	COMPILATION OF COMMENTS		(DOD use only) COMMENT NUMBER
DOCUMENT NUMBER MS24285D	COMMENTOR (NAME OR CODE)		<input type="checkbox"/> MFR <input type="checkbox"/> USER <input type="checkbox"/> IND ASSOC
DOD USE ONLY	DEPT	<input type="checkbox"/> ARMY <input type="checkbox"/> NAVY <input type="checkbox"/> AF <input type="checkbox"/> DLA <input type="checkbox"/> NSA <input type="checkbox"/> CNDN <input type="checkbox"/> NASA	<input type="checkbox"/> ESSENTIAL <input type="checkbox"/> SUGGESTED
RECOMMENDED DISPOSITION OF COMMENTS	<input type="checkbox"/> ACCEPTANCE <input type="checkbox"/> NON-ACCEPTANCE-SEE REASON <input type="checkbox"/> WITHDRAW <input type="checkbox"/> MODIFY <input type="checkbox"/> DISCUSS		
FINAL DISPOSITION OF COMMENTS	<input type="checkbox"/> ACCEPTED <input type="checkbox"/> NON-ACCEPTED <input type="checkbox"/> WITHDRAWN <input type="checkbox"/> MODIFIED		

DSCC FORM 155B

PROJECT NUMBER 5935-4695	COMPILATION OF COMMENTS		(DOD use only) COMMENT NUMBER
DOCUMENT NUMBER MS24285D	COMMENTOR (NAME OR CODE) _____		<input type="checkbox"/> MFR <input type="checkbox"/> USER <input type="checkbox"/> IND ASSOC
DOD USE ONLY	DEPT	<input type="checkbox"/> ARMY <input type="checkbox"/> NAVY <input type="checkbox"/> AF <input type="checkbox"/> DLA <input type="checkbox"/> NSA <input type="checkbox"/> CNDN <input type="checkbox"/> NASA	<input type="checkbox"/> ESSENTIAL <input type="checkbox"/> SUGGESTED
RECOMMENDED DISPOSITION OF COMMENTS	<input type="checkbox"/> ACCEPTANCE <input type="checkbox"/> NON-ACCEPTANCE-SEE REASON <input type="checkbox"/> WITHDRAW <input type="checkbox"/> MODIFY <input type="checkbox"/> DISCUSS		
FINAL DISPOSITION OF COMMENTS	<input type="checkbox"/> ACCEPTED <input type="checkbox"/> NON-ACCEPTED <input type="checkbox"/> WITHDRAWN <input type="checkbox"/> MODIFIED		

DSCC FORM 155B