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Review activities: Army - AR
Navy - EC, SH
Air Force - 11, 99

User activities: Army - AV
Navy - MC
Air Force -

<p>P.A. Army - CR Other Cust Navy - AS AF - 85</p>		<p>International Interest</p>		<p>TITLE CONNECTORS, PLUG, ELECTRIC, SERIES 2, CRIMP TYPE, BAYONET COUPLING, CLASSES A, L, S, AND W</p>		<p>MILITARY STANDARD MS 3476</p>	
<p>Procurement Specification MIL-C-26482</p>		<p>SUPERSEDES: MS3476 (Navy) MIL-C-83723/138, MIL-C-83723/148</p>		<p>PAGE 1 OF 4</p>		<p>FED. SUP CLASS 5935</p>	

MAX FULLY COUPLED INDICATOR (SEE SHEET 2 AND NOTE 4)

3 TEETH EQUALLY SPACED 120° 0' APART

MASTER KEY

60°

1.230 MAX

.320 MIN

.210 MAX

SEE NOTE 3
COLOR BAND
LOCATION
OPTIONAL

SEE NOTE 4

SEE NOTE 8

200 MIN TOTAL
KNURL LENGTH
CONNECTOR IDENTIFICATION

.045 NO. 8 THRU NO. 10
.025 SELL SIZE
.107 NO. 20 THRU NO. 24
.087 SELL SIZE
HARD INSERT
RESILIENT INSERT
FACE SEAL
.046 DIA NO. 20
.042 MIN
.069 DIA NO. 16
.101 DIA NO. 12
.097
.269
.225
.008
.032
.029
.187 MAX (SIZES 8 THRU 18)
.218 MAX (SIZES 20 THRU 24)
UNDERCUT
COUPLING RING REMOVED FOR CLARITY
DETAIL T

XX SEE NOTE 7 AND TABLE 1 FOR CONTACT CAVITIES REQUIRING REDUCED DIMENSION

(E) ENTIRE STANDARD REVISED

DD FORM 672
MAY 73
AMSC U/A

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5935-3670

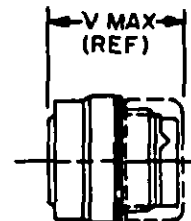
APPROVED 1 Apr 71 REVISED (E) 31 October 1988

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5935User activities: Army - AV
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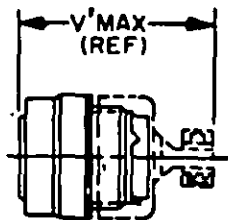
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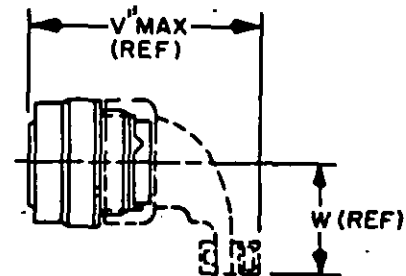
3 FULLY MATED COUPLING
INDICATION STRIPES EQUALLY
SPACED WITHIN .010, SHALL
ALIGN WITH 3 SIMILAR
STRIPES ON PLUG SHELL
WHEN FULLY MATED.
(SEE NOTE 4)

COUPLED POSITION

ASSEMBLED TO STRAIGHT
BACKSHELL LESS STRAIN RELIEF
(SEE NOTE 6)



ASSEMBLED TO STRAIGHT
BACKSHELL WITH STRAIN RELIEF
(SEE NOTE 6)



ASSEMBLED TO 90° BACKSHELL
WITH STRAIN RELIEF
(SEE NOTE 6)

APPROVED 1 Apr 71
REVISED (E) ENTIRE STANDARD REVISED

P.A. Army - CR Other Cust Navy - AS AF - 85	International Interest	TITLE CONNECTORS, PLUG, ELECTRIC, SERIES 2, CRIMP TYPE, BAYONET COUPLING, CLASSES A, L, S, AND W	MILITARY STANDARD MS3476
Procurement Specification MIL-C-26482	SUPERSEDES: MS3476 (Navy) MIL-C-83723/13B, MIL-C-83723/14B	PAGE 2 OF 4	

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Inches	mm	Inches	mm
.008	0.20	.101	2.57
.010	0.25	.107	2.72
.025	0.64	.141	3.58
.029	0.74	.200	5.08
.032	0.81	.210	5.33
.042	1.07	.225	5.72
.045	1.14	.269	6.83
.046	1.17	.320	8.13
.065	1.65	.337	8.56
.069	1.75	.357	9.07
.087	2.21	.399	10.13
.097	2.46	.419	10.64
		1.230	31.24

Size	A	F	S	V	V'	V"	W	Max weight (lbs)*	
								Pin	Socket
8	.782 (19.86)	.887 (22.53)	.363/.343 (9.22/8.71)	1.507 (38.28)	1.857 (47.17)	2.130 (54.10)	.830 (21.08)	.0204 (.518)	.0216 (.549)
10	.926 (23.52)	.887 (22.53)	.363/.343 (9.22/8.71)	1.507 (38.28)	1.857 (47.17)	2.130 (54.10)	.880 (22.35)	.0406 (1.031)	.0421 (1.069)
12	1.043 (26.49)	.887 (22.53)	.363/.343 (9.22/8.71)	1.507 (38.28)	1.957 (47.17)	2.265 (57.53)	.950 (24.13)	.0505 (1.283)	.0536 (1.361)
14	1.183 (30.05)	.887 (22.53)	.363/.343 (9.22/8.71)	1.507 (38.28)	2.092 (53.14)	2.355 (59.82)	1.010 (25.65)	.0639 (1.623)	.0692 (1.758)
16	1.305 (33.15)	.887 (22.53)	.363/.343 (9.22/8.71)	1.507 (38.28)	2.092 (53.14)	2.490 (63.25)	1.070 (27.18)	.0788 (2.002)	.0880 (2.235)
18	1.391 (35.33)	.887 (22.53)	.363/.343 (9.22/8.71)	1.507 (38.28)	2.092 (53.14)	2.589 (65.76)	1.130 (28.70)	.0864 (2.195)	.0957 (2.431)
20	1.531 (38.89)	.825 (20.96)	.425/.405 (10.80/10.29)	1.507 (38.28)	2.092 (53.14)	2.722 (69.14)	1.190 (30.23)	.1016 (2.581)	.1114 (2.830)
22	1.656 (42.06)	.825 (20.96)	.425/.405 (10.80/10.29)	1.507 (38.28)	2.092 (53.14)	2.845 (72.26)	1.260 (32.00)	.1241 (3.152)	.1363 (3.462)
24	1.777 (45.14)	.825 (20.96)	.425/.405 (10.80/10.29)	1.507 (38.28)	2.092 (53.14)	2.967 (75.36)	1.320 (33.53)	.1400 (3.556)	.1916 (4.867)

*Less contacts and accessories. Maximum weights do not apply to class S.

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Procurement Specification MIL-C-26482		SUPERSEDES: MS3476 MIL-C-83723/13B, MIL-C-83723/14B	PAGE 3 OF 4

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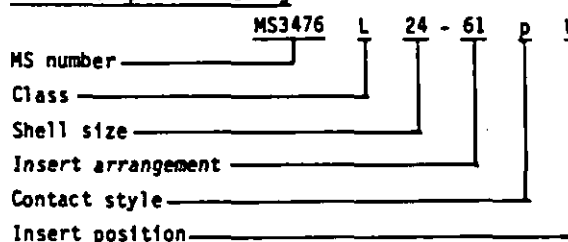
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TABLE I. Reduced diameters (XX).

FED. SUP CLASS
5935

Shell size	Insert arrangements	Contact cavities
8	-33 and -98	A, B, C
12	-10	C, G
14	-12	A, B, C, D, E, F, G, H
14	-18	A, C, E, G, J, L
14	-19	B, D, F, H, K, M
16	-26	A, B, C, D, E, F, G, H, J, K, L, M, N, P, R
18	-32	A, B, C, D, E, F, G, H, J, K, L, M, N, P, R, S, T
22	-41	A, B, C, D, E, F, G, H, J, K, L, M, N, P, R, S, T, U, V, W, X, Y

Connector part numbering



NOTES:

- Dimensions are in inches.
- Unless otherwise specified, tolerances are ± 0.005 (0.13 mm) for three place decimals and ± 0.01 (0.03 mm) for two place decimals, and angular tolerances are $\pm 0^\circ 1'$ and $0^\circ 0' \pm 30'$.
- Color band: $.070 \pm 0.031$ (1.78 ± 0.79 mm) wide, color blue.
- Coupling indicator, color optional.
- The complete requirements for procuring this connector described herein shall consist of this document and the issue in effect of MIL-C-26482.
- Connector assembly must be used with a backshell. Backshell must be procured separately. See MIL-C-85049 for applicable backshells.
- Insert arrangements requiring reduced diameters for raised seal barriers or lead-in chamfer on outer row of contact cavities as indicated (see table II).
- Intermateability and rear accessory interchangeability dimensions shall be in accordance with MIL-C-26482.
- For insert arrangements see MIL-STD-1669.
- Connector identification marking shall be in accordance with MIL-C-26482. Example: MS3476 L----, M83723-14 R----, (minimum height does not apply to shell sizes 8, 10, and 12).
- Class E cancelled and replaced by class L.
- In the event of conflict between the text of this standard and the references cited herein, the text of this standard shall take precedence.
- Referenced Government documents of the issue listed in that issue of the Department Defense Index of Specifications and Standards (DODISS) specified in the solicitation form a part of this standard to the extent specified herein.
- Metric equivalents are given for general information only.
- Metric equivalents are in parentheses.

P.A. Army - CR Other: Coast Navy - AS AF - 85	International Interest	TITLE CONNECTORS, PLUG, ELECTRIC, SERIES 2, CRIMP TYPE, BAYONET COUPLING, CLASSES A, L, S, AND W	MILITARY STANDARD
Procurement Specification MIL-C-26482,		SUPERSEDES: MS3476 (Navy) MIL-C-83723/13B, MIL-C-83723/14B	MS3476
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ENTIRE STANDARD REVISED