

INCH-POUND

MS3113J
 4 June 2009
 SUPERSEDING
 MS3113H
 10 June 1993

DETAIL SPECIFICATION SHEET

CONNECTORS, RECEPTACLE, ELECTRICAL, SERIES 1, SOLDER TYPE,
 SOLDER MOUNTING, BAYONET COUPLING, CLASS H

Inactive for new design after 10 June 1993.
 For new design, use MS3443.

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-26482.

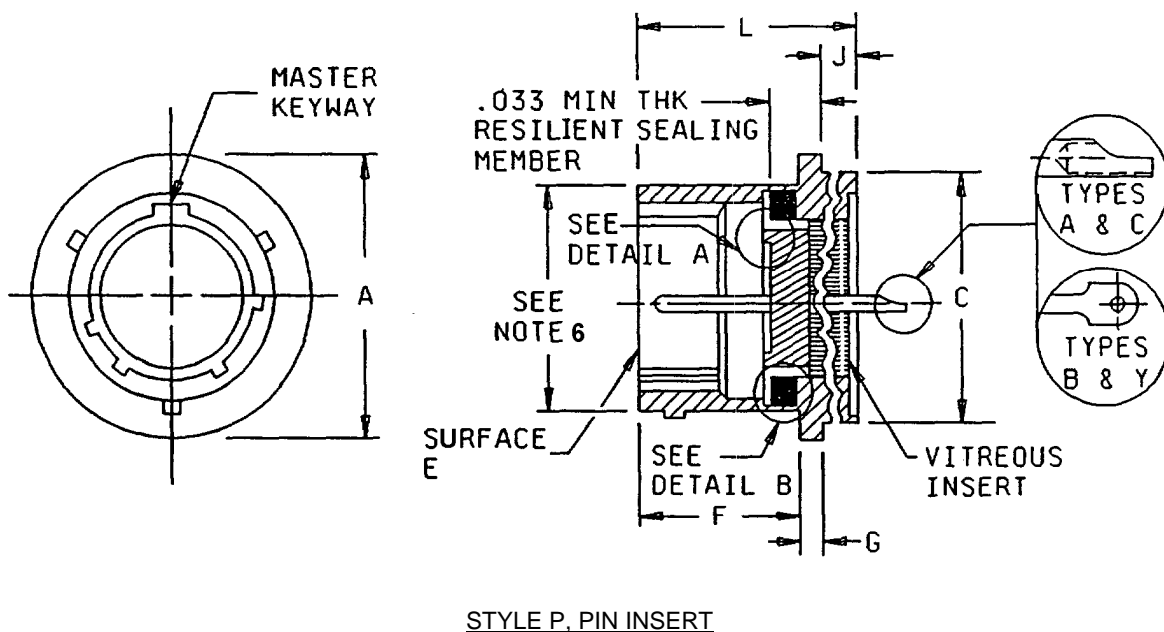
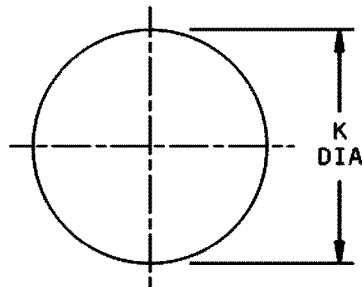
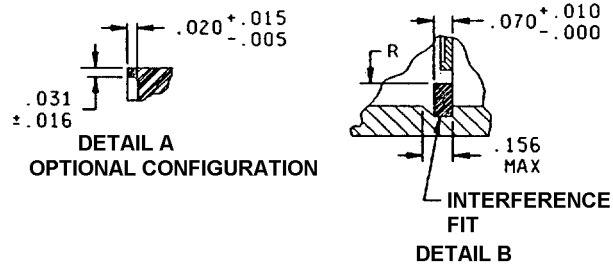


FIGURE 1. Dimensions and configurations for class H.

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Inches	mm	Inches	mm	Inches	mm
.005	0.13	.016	0.41	.033	0.84
.010	0.25	.020	0.51	.070	1.78
.015	0.38	.031	0.79	.156	3.96

FIGURE 1. Dimensions and configurations for class H - Continued.

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Shell size	A $\pm .016$ OD flange	C +.001 -.005 OD	F +.031 -.000 mtg flange location	G +.016 -.005 thk mtg flange	J max length of mtg dia	L max overall length	R max ID gasket	K max ID panel cutout
8	.625 (15.88)	.562 (14.27)	.411 (10.44)	.031 (.79)	.156 (3.96)	.828 (21.03)	.329 (8.36)	.570 (14.48)
10	.750 (19.05)	.672 (17.07)					.457 (11.61)	.680 (17.27)
12	.844 (21.44)	.781 (19.84)					.564 (14.33)	.789 (20.04)
14	.969 (24.61)	.906 (23.01)					.689 (17.50)	.914 (23.22)
16	1.094 (27.79)	1.031 (26.19)					.814 (20.68)	1.039 (26.39)
18	1.218 (30.94)	1.156 (29.36)					.907 (23.04)	1.164 (29.57)
20	1.312 (33.32)	1.250 (31.75)	.473 (12.01)		.188 (4.78)	.921 (23.39)	1.039 (26.39)	1.258 (31.95)
22	1.438 (36.53)	1.375 (34.93)					1.164 (29.57)	1.383 (35.13)
24	1.563 (39.70)	1.500 (38.10)		.506 (12.85)	1.289 (32.74)	1.508 (38.30)		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Metric equivalents are in parentheses and dimensioned in millimeters.
4. Resilient sealing member bonded to vitreous insert.
5. True position (TP) tolerances are in accordance with ASME Y14.5M.
6. Interchangeability dimensions shall be in accordance with MIL-DTL-26482.
7. MS3113 is not for Air Force use. Use MS3443 in lieu of MS3113.

FIGURE 1. Dimensions and configurations for class H - Continued.

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REQUIREMENTS:

Dimensions and configuration: See figure 1.

Connector mating: This connector mates with MS3111 and MS3116.

For insert arrangement: See MIL-STD-1669.

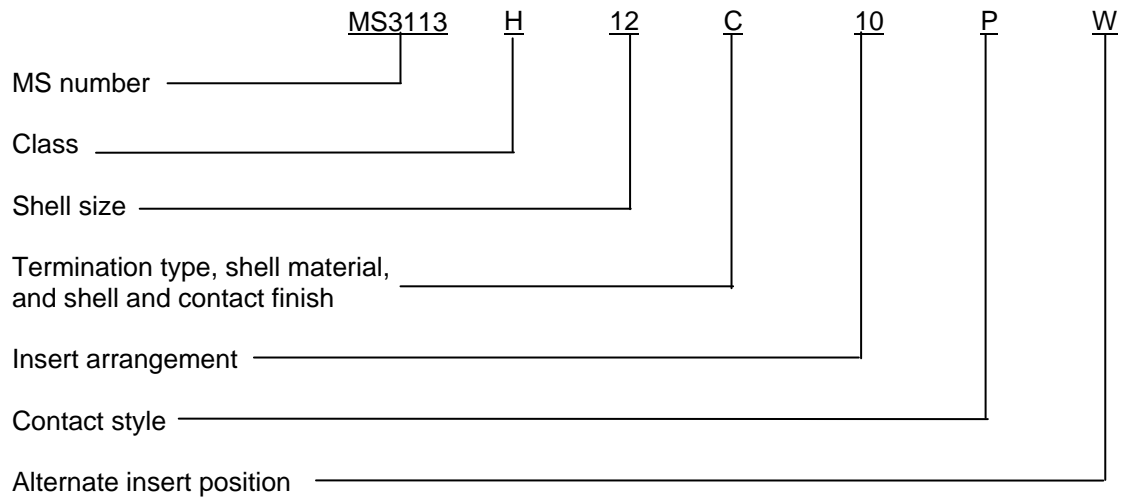
Packing material shall meet the requirements of ASTM-D2000.

Material and finish:

- a. Shell types A and B - passivated stainless steel shells with gold plated contacts.
- b. Shell types C and Y - tin-plated ferrous alloy shells with gold plated contacts (tin plating shall be no more than 97% pure tin with a minimum of 3% lead by mass).
- c. Bayonet pins - passivated stainless steel.

Part or Identifying Number (PIN) examples:

PIN example for class H:



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.

Referenced documents. In addition to MIL-DTL-26482, this document references the following:

MS3111
 MS3116
 MS3443
 MIL-STD-1669
 ASME Y14.5M
 ASTM-D2000

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CONCLUDING MATERIAL

Custodians:

Army - CR
Navy - AS
Air Force - 85
DLA - CC

Preparing activity:
DLA - CC

(Project 5935-2008-197)

Review activities:

Army - AR, AV
Navy - EC, SH
Air Force - 99

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 <http://assist.daps.dla.mil>.