

MIL-C-55302/84B(USAF)
02 MAR 1989
 SUPERSEDING
 MIL-C-55302/84A(USAF)
 25 October 1973

MILITARY SPECIFICATION SHEET

CONNECTORS, PRINTED CIRCUIT SUBASSEMBLY AND ACCESSORIES:
 CONTACTS - CRIMP, DIP SOLDER TAIL,
 SOLDER TURRET, AND WIREWRAP

ⓑ Inactive for new design
 after 1 July 1989

This specification is approved for use by the Department of the Air Force and is available 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-C-55302.

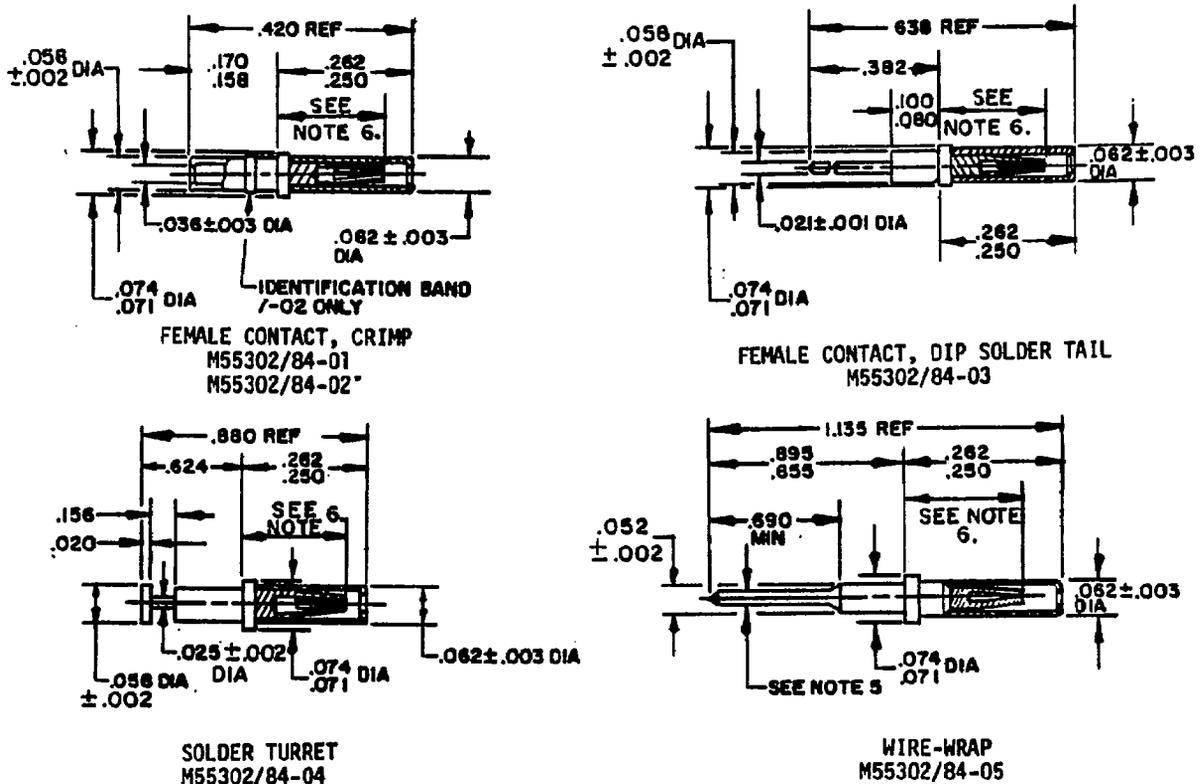
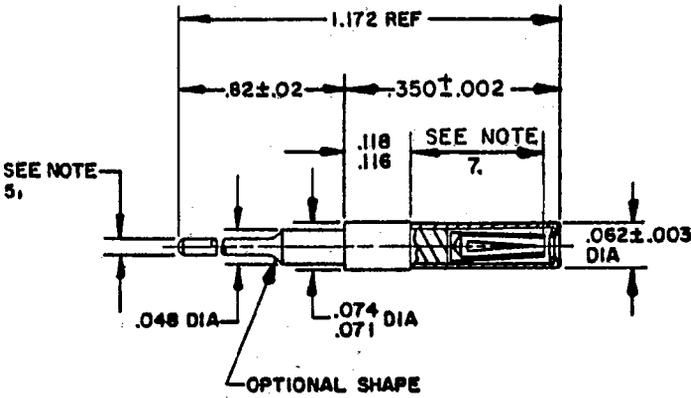


FIGURE 1. Contact termination.

ⓑ denotes changes



WIRE-WRAP
M55302/84-06

Inches	mm	Inches	mm	Inches	mm
.001	0.03	.071	1.80	.382	9.70
.002	0.05	.074	1.88	.420	10.67
.003	0.08	.080	2.03	.624	15.85
.020	0.51	.100	2.54	.638	16.21
.021	0.53	.156	3.96	.690	17.53
.025	0.64	.158	4.01	.855	21.72
.036	0.91	.170	4.32	.880	22.35
.052	1.32	.250	6.35	.985	22.73
.058	1.47	.262	6.65	1.135	28.83
.062	1.57	.350	8.79		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is $\pm .005$ (0.13 mm).
4. These connectors mate with connectors in accordance with MIL-C-55302/82.
5. These dimensions shall be in accordance with MIL-STD-1130.
6. Minimum point of .210 (5.33 mm) at which gauge having the minimum diameter of the mating pin and a square face encase socket contact spring.
7. Minimum point of .304 (7.72 mm) at which gauge having the minimum diameter of the mating pin and a square face encase socket contact spring.

FIGURE 1. Contact termination - Continued.

MIL-C-55302/84B(USAF)

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Material:

Crimp, removable: 01 - Phosphor bronze in accordance with QQ-W-321.

02 - Beryllium copper in accordance with QQ-C-530.

Dip solder tail: 03

Solder eyelet: 04 - Phosphor bronze in accordance with QQ-W-321.

Wrappost: 05

06

Contact sleeve: Stainless steel in accordance with QQ-S-766. All contact sleeves are passivated except -01 which has gold flash.

Plating: Contact finish gold in accordance with MIL-G-45204, type II, grade C, class 1, over copper plate.

Wrappost: The wrappost for contact M55302/84-05 and M55302/84-06 shall be in accordance with MIL-STD-1130.

Qualification and quality conformance requirements are not applicable. All contacts are tested in accordance with the applicable specification sheet. All contacts are supplied with MIL-C-55302/82 and cannot be acquired separately.

Part number: M55302/84- (dash number from figure I).

CONCLUDING MATERIAL

Custodian:
Air Force - 17

Preparing activity:
Air Force - 17

Review activities:
② Air Force - 11, 85, 99
DLA - ES

Agent:
DLA - ES

User activity:
Air Force - 19

(Project 5935-F344-4)