



1. THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.
2. THIS CONNECTOR ASSEMBLY MEETS THE REQUIREMENTS OF MIL-C-24308 AND MATES WITH ANY RECEPTACLE CONNECTOR WITH THE SAME INSERT ARRANGEMENT.
3. MARK WITH .047 [1.19]-.062 [1.57] HIGH CHARACTERS. FAR SIDE REFERS TO THE WIDE SIDE OF THE KEYSTONE. NEAR SIDE REFERS TO THE NARROW SIDE OF THE KEYSTONE. IF THE REAR SHELL IS TOO SMALL FOR THE ENTIRE MFG'S PART NUMBER, MARKING SHALL BE LOCATED AS FOLLOWS:
 - A. MFG'S (NAME, BRAND OR LOGO) AND DATE CODE ON REAR SHELL, NEAR SIDE.
 - B. MFG'S PART NUMBER ON REAR SHELL, FAR SIDE.
4. REQUIREMENT FOR FULL PIN DIAMETER EXTENSION:
 - .164 [4.17] MIN, SHELL SIZES 1 AND 2.
 - .155 [3.94] MIN, SHELL SIZES 3, 4, AND 5.
 CONTACT SHOWN INSTALLED FOR DIMENSIONAL REFERENCE ONLY.
5. MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .072 [1.83] DIAMETER.
6. FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO MFG'S IS 7516. FOR CONTACT INSTALLATION AND REMOVAL INSTRUCTION SHEET REFER TO TE I.S. 7508.
7. THIS CONNECTOR ASSEMBLY IS DESIGNED TO ACCEPT SIZE 20 CRIMP TYPE PIN CONTACT MILITARY PART NO. M39029/64-369 (TE PART NO. 205089-1). FOR ALTERNATE CONTACT OPTIONS CONSULT THE TE CATALOG.
8. THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.

L	J	H	G	F	E	D	C	B	A	NO. OF POS	SHELL SIZE	MFG'S PART NO. ON CONNECTOR	PART NUMBER
.049 [1.24] .029 [0.74]	.432 [10.97] .412 [10.46]	1.635 [41.53] 1.615 [41.02]	.238 [6.04] .229 [5.82]	.436 [11.07] .416 [10.57]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.857 [47.17] 1.847 [46.91]	1.539 [39.09] 1.529 [38.84]	2.103 [53.42] 2.073 [52.65]	25	3	1757510-3	1757510-3
.040 [1.02] .020 [0.51]	.432 [10.97] .412 [10.46]	1.093 [27.76] 1.073 [27.25]	.238 [6.04] .229 [5.82]	.432 [10.97] .412 [10.46]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.317 [33.45] 1.307 [33.20]	.999 [25.37] .989 [25.12]	1.556 [39.52] 1.526 [38.76]	15	2	1757510-2	1757510-2
.040 [1.02] .020 [0.51]	.432 [10.97] .412 [10.46]	.769 [19.53] .749 [19.02]	.238 [6.04] .229 [5.82]	.432 [10.97] .412 [10.46]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	.989 [25.12] .979 [24.87]	.671 [17.04] .661 [16.79]	1.228 [31.19] 1.198 [30.43]	9	1	1757510-1	1757510-1

THIS DRAWING IS A CONTROLLED DOCUMENT.
DRAFT: C.C.THOMAS 17JAN05
CURE: D.MILLER 17JAN05
APVD: D.MILLER 17JAN05
PRODUCT SPEC: MIL-C-24308
APPLICATION SPEC:
MATERIAL: SEE CALLOUTS
FINISH: SEE CALLOUTS
TOLERANCES UNLESS OTHERWISE SPECIFIED:
DIMENSIONS: INCHES
0 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
MATERIALS: ± 1%
SEE CALLOUTS
CAGE CODE: DRAWING NO: A1 00779 C-1757510
SIZE: WEIGHT: -
CUSTOMER DRAWING: REV: D
SCALE: 4:1 SHEET: 1 OF 1
RESTRICTED TO: -

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1757510-2](#)