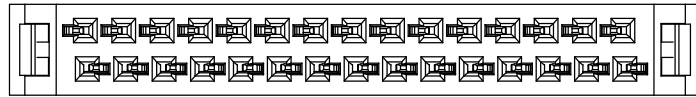
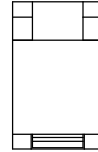
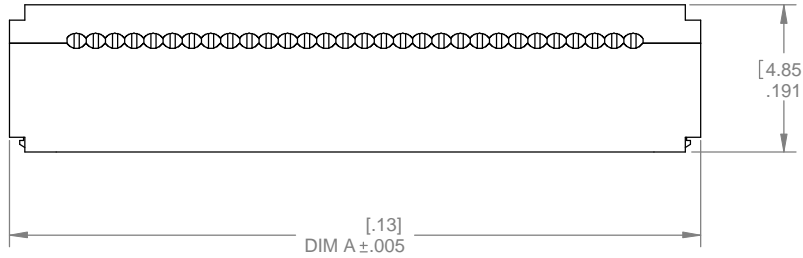
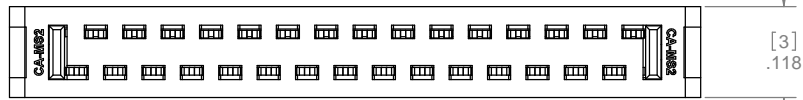


PART NO. CA-XXMS2-X

| REVISIONS |                             |      |          |      |
|-----------|-----------------------------|------|----------|------|
| LTR       | DESCRIPTION                 | DATE | APPROVED |      |
| A         | INITIAL RELEASE SEE DO 4493 | C.P. | 5-24-01  | L.F. |
| B         | SEE DO 4778                 | C.P. | 3-22-02  | L.F. |
| C         | SEE DO 6566                 | C.P. | 11-29-07 | L.F. |



**ORDERING NOMENCLATURE**

**CA - XX MS2 - X**

NO. OF CONTACT POS.

MS2 SERIES CONNECTOR ASSEMBLY

CONTACT PLATING

C = CONTACT AREA : .000015 [.00038] GOLD  
 B = CONTACT AREA : .000010 [.00025] GOLD  
 D = CONTACT AREA : .000005 [.00013] GOLD  
 A = CONTACT AREA : GOLD FLASH

IDT AREA : .000150 [.00381] 90/10 TIN/LEAD/ALLOY  
 UNDERPLATE : .000075 [.00191] NICKEL

| NO. OF CONTACT POS. | DIM 'A'           |
|---------------------|-------------------|
| N                   | A=(.025N+.150) IN |
| 40                  | 1.150 [29.21]     |
| 80                  | 2.150 [54.61]     |

- 4. CONNECTOR WILL TERMINATE 30 AWG .025 CENTER RIBBON CABLE
- 3. PERFORMANCE OF "MS2" SERIES CONNECTOR SEE SPECIFICATION NO. 100249
- 2. SPECIFICATION:

ENVIRONMENTAL:

TEMPERATURE RANGE: -55°C TO +105°C

MECHANICAL:

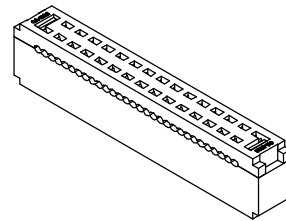
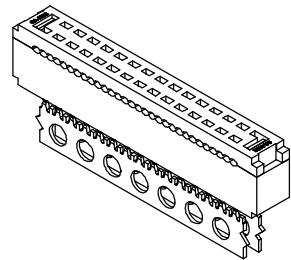
INSULATOR MATERIAL: GLASS FILLED THERMOPLASTIC  
 COLOR BLACK, UL94V-0

CONTACT MATERIAL: PHOSPHOR BRONZE

DURABILITY: 50 CYCLES MIN.

- 1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

NOTES: UNLESS OTHERWISE SPECIFIED



BEFORE TERMINATION

AFTER TERMINATION

DIMENSIONS ARE IN INCHES TOLERANCES ARE:

DECIMALS ANGLES  
 .XX ±.010 ±3°  
 .XXX ±.005

DIMENSIONS IN BRACKETS [X.XX] ARE IN MILLIMETERS TOLERANCES ARE:

DECIMALS ANGLES  
 .X ±.25 ±3°  
 .XX ±.13

DO NOT SCALE DRAWING

| APPROVALS       | DATE     |
|-----------------|----------|
| DRAWN T. NGO    | 11-16-98 |
| CHECKED L. FONG | 5-23-01  |

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**CA** CIRCUIT ASSEMBLY CORP.  
 18 THOMAS ST., IRVINE, CALIFORNIA 92618-2777

**CONNECTOR ASSEMBLY MS2 SERIES**

| SIZE | CODE IDENT NO. | DRAWING NO. | REV. |
|------|----------------|-------------|------|
| C    | 52072          | 610192      | C    |

SCALE: 8:1

SHEET 1 OF 1