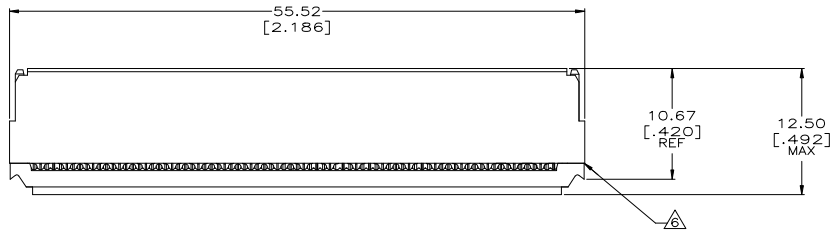
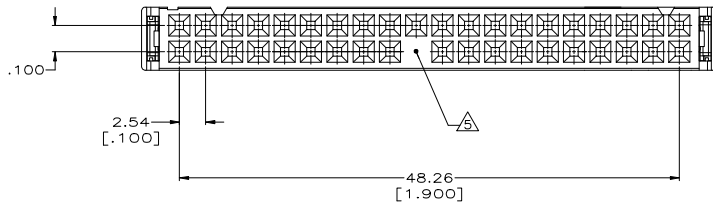
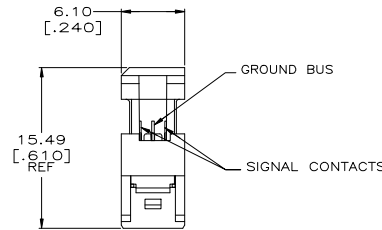
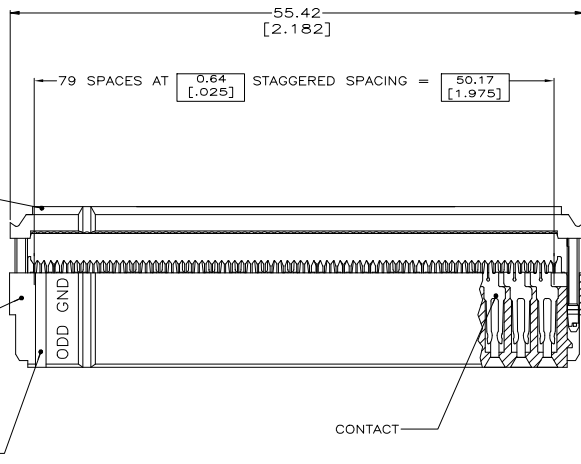
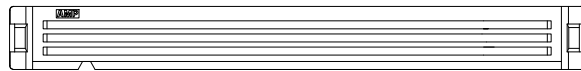


| REVISIONS |     |                           |         |            |
|-----------|-----|---------------------------|---------|------------|
| #         | REV | DESCRIPTION               | DATE    | BY / APP'D |
| B         |     | REVISED PER ECO-19-002414 | 18FEB19 | K.G.W.H    |



TERMINATED VIEW



- △ HOUSING: THERMOPLASTIC, UL 94V-0 RATED, SEE TABLE.
- COVER: THERMOPLASTIC, UL 94V-0 RATED, BLACK.
- CONTACTS: PHOSPHOR BRONZE PER QQ-B-750.
- △ CONTACTS: 0.38µm[.000015] MIN GOLD ON LOCALIZED PLATE AREA, 1.27µm[.000050] MIN TIN ON TERMINATION END, ALL OVER 1.27µm[.000050] MIN NICKEL ON ENTIRE CONTACT.
- △ CONTACT 34 GROUNDED.
- △ NO CONTACT AT POSITION 28.
- △ MOLDED KEYING AT CONTACT 20.
- △ NO GAP ALLOWED BETWEEN COVER AND HOUSING AT TERMINATION. .012 MAX GAP AT ANY OTHER TIME AFTER TERMINATION.
- 7. ALL ODD CABLE CONDUCTORS TERMINATE DIRECTLY TO THE GROUND BUS IN ALL CONNECTORS.
- 8. ALL EVEN CABLE CONDUCTORS TERMINATE TO CONNECTOR CONTACT NUMBERS USING THE FOLLOWING FORMULA: CABLE CONDUCTOR "X" TERMINATES TO CONNECTOR CONTACT NUMBER X/2. EXAMPLE: CABLE CONDUCTOR 46 TERMINATES TO CONNECTOR CONTACT NUMBER 23 (46/2).
- 9. EXCEPTIONS TO NOTE 8 AND DIFFERENCES BETWEEN CONNECTORS ARE SHOWN IN THE TABLE BELOW.

| CABLE CONDUCTOR # | CABLE CONDUCTOR # SHOWN CONNECTS TO: |                           |                          |
|-------------------|--------------------------------------|---------------------------|--------------------------|
|                   | BLUE CONNECTOR CONTACT #             | BLACK CONNECTOR CONTACT # | GRAY CONNECTOR CONTACT # |
| 4                 | 2 & GROUND BUS                       | 2 & GROUND BUS            | 2 & GROUND BUS           |
| 38                | 19 & GROUND BUS                      | 19 & GROUND BUS           | 19 & GROUND BUS          |
| 44                | 22 & GROUND BUS                      | 22 & GROUND BUS           | 22 & GROUND BUS          |
| 48                | 24 & GROUND BUS                      | 24 & GROUND BUS           | 24 & GROUND BUS          |
| 52                | 26 & GROUND BUS                      | 26 & GROUND BUS           | 26 & GROUND BUS          |
| 56                | 28                                   | 28                        | NC (OPEN)                |
| 60                | 30 & GROUND BUS                      | 30 & GROUND BUS           | 30 & GROUND BUS          |
| 68                | 34 & GROUND BUS                      | 34                        | 34                       |
| 80                | 40 & GROUND BUS                      | 40 & GROUND BUS           | 40 & GROUND BUS          |

|          |                   |               |             |
|----------|-------------------|---------------|-------------|
| OBSELETE | DEVICE(1) SLAVE   | GRAY          | △ 1658618-3 |
| OBSELETE | SYSTEMS BOARD     | BLUE          | 1658618-2   |
| OBSELETE | DEVICE(O) PRIMARY | BLACK         | 1658618-1   |
|          | CONNECTOR TYPE    | HOUSING COLOR | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT. DR: R. SAMICK 22AUG03  
 DW: S. BOHDE 22AUG03  
 APD: M. WALMSLEY 22AUG03

TE Connectivity

RECEPTACLE ASSY, 40 POS.  
 80 POS, MILITARY POLARIZATION,  
 AMP-LATCH ULTRM NOVO

PRODUCT SPEC: 108-1740  
 APPLICATION SPEC: 114-40056  
 WEIGHT: 0.000000  
 SCALE: 4:1  
 SHEET: 1 of 1  
 REV: B

# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1658618-3](#)