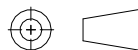


THIS IS ISSUED IN STRICT CONFIDENCE ON THE  
CONDITION THAT IT IS NOT USED AS A BASIS FOR  
MANUFACTURE OR SALE, AND THAT IT IS NOT COPIED,  
REPRINTED OR DISCLOSED TO ANY THIRD PARTY  
WITHOUT PRIOR WRITTEN CONSENT FROM MIN-E-CON

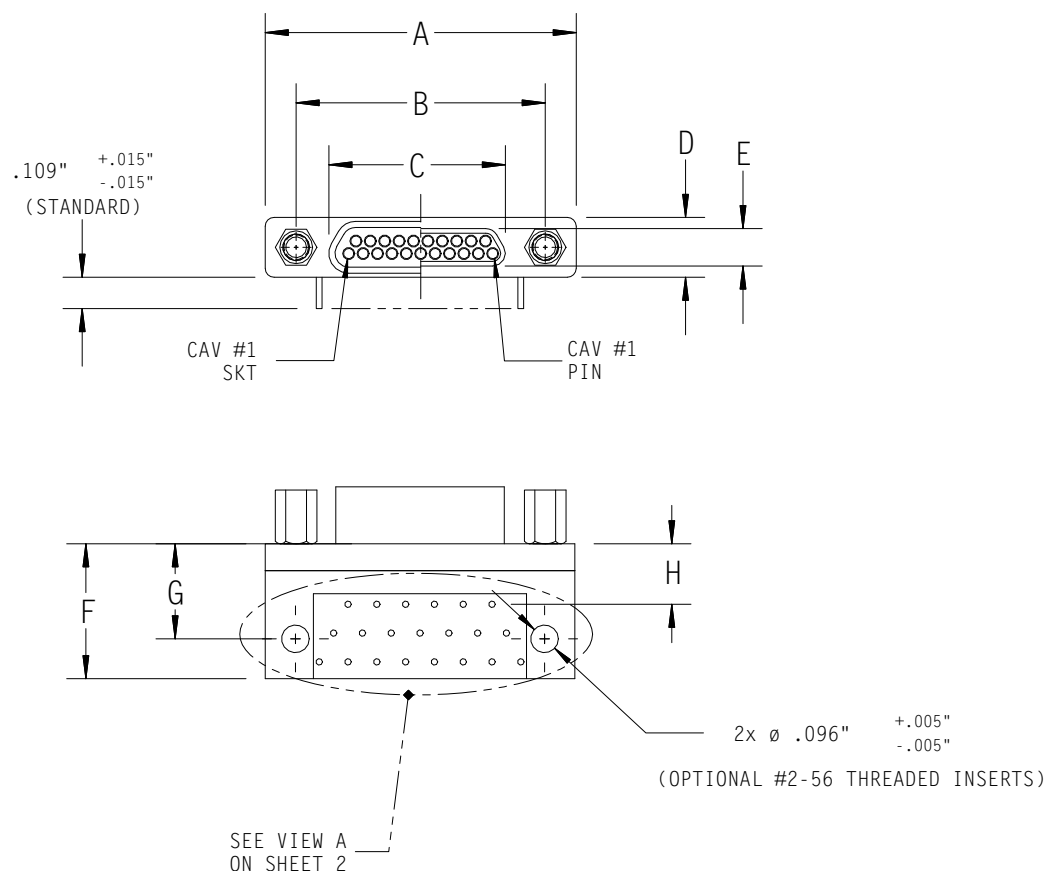
UNLESS OTHERWISE  
SPECIFIED ALL DIMENSIONS  
ARE IN INCHES DRAWING  
STANDARDS ARE PER  
ASME Y14.5M-2009

### THIRD ANGLE PROJECTION



## REVISIONS

| ECO | REV | DESCRIPTION | DATE    | APPROVED |
|-----|-----|-------------|---------|----------|
|     | F   | REDRAWN     | 6/12/18 | WC       |



## ORDERING SYSTEM

D S M R - 25 P L C B R P T - .XXX /XX

## SERIES

## MOUNTING STYLE

S = SCREW MOUNT

## HOUSING

                      
M = NICKEL PLATED

B = BLACK ANODIZE

INSULATOR MATERIAL

R = POLYPHENYLENE SULFIDE (RYTON)

### CONTACT LAYOUT (SHELL SIZE)

9, 15, 21, 25, 31, 37

**CONTACT TYPE (GENDER)**

P = PIN    S = SOCKET

— **FACTORY MODIFICATION CODE**

/01 = HIGH TEMPERATURE (200C)

BLANK = 125C

(CONSULT FACTORY FOR OTHER AVAILABLE MOD CODES)

— **LEAD LENGTH** (DECIMAL INCHES .XXX)

.109 = STANDARD (OMIT IF .109" STANDARD LENGTH DESIRED)

.140 = OPTIONAL

.172 = OPTIONAL

(CONSULT FACTORY FOR OTHER AVAILABLE LENGTH OPTIONS)

## — THREADED INSERT

OMIT 'T' IF NO THREADED INSERTS REQUIRED

**JACKPOST**

OMIT 'P' IF NO JACKPOSTS REQUIRED

## — BOARD MOUNT STYLE

LCBR = LOW PROFILE RIGHT ANGLE

LCBRA = LOW PROFILE RIGHT ANGLE ALT FOOTPRINT (SIZE 25 ONLY)

| CONN<br>SIZE |     | A<br>MAX | B<br>+/- .005 | C<br>MAX | D<br>+/- .010 | E<br>MAX | F<br>MAX | G<br>+/- .015 | H<br>REF |       |
|--------------|-----|----------|---------------|----------|---------------|----------|----------|---------------|----------|-------|
| 9            | PIN | 0.788    | 0.565         | 0.291    | 0.208         | 0.142    | 0.400    | 0.230         | 0.210    |       |
|              | SKT |          |               | 0.372    |               | 0.215    |          |               |          |       |
| 15           | PIN | 0.938    | 0.715         | 0.441    |               | 0.142    | 0.480    | 0.330         |          |       |
|              | SKT |          |               | 0.522    |               | 0.215    |          |               |          |       |
| 21           | PIN | 1.088    | 0.865         | 0.591    |               | 0.142    |          |               |          | 0.600 |
|              | SKT |          |               | 0.672    |               | 0.215    |          |               |          |       |
| 25           | PIN | 1.188    | 0.965         | 0.691    |               | 0.142    |          |               |          |       |
|              | SKT |          |               | 0.772    |               | 0.215    |          |               |          |       |
| 31           | PIN | 1.338    | 1.115         | 0.841    |               | 0.142    |          |               |          |       |
|              | SKT |          |               | 0.922    |               | 0.215    |          |               |          |       |
| 37           | PIN | 1.488    | 1.265         | 0.991    | 0.142         |          |          |               |          |       |
|              | SKT |          |               | 1.072    | 0.215         |          |          |               |          |       |

NOTES:

1 MATERIAL:

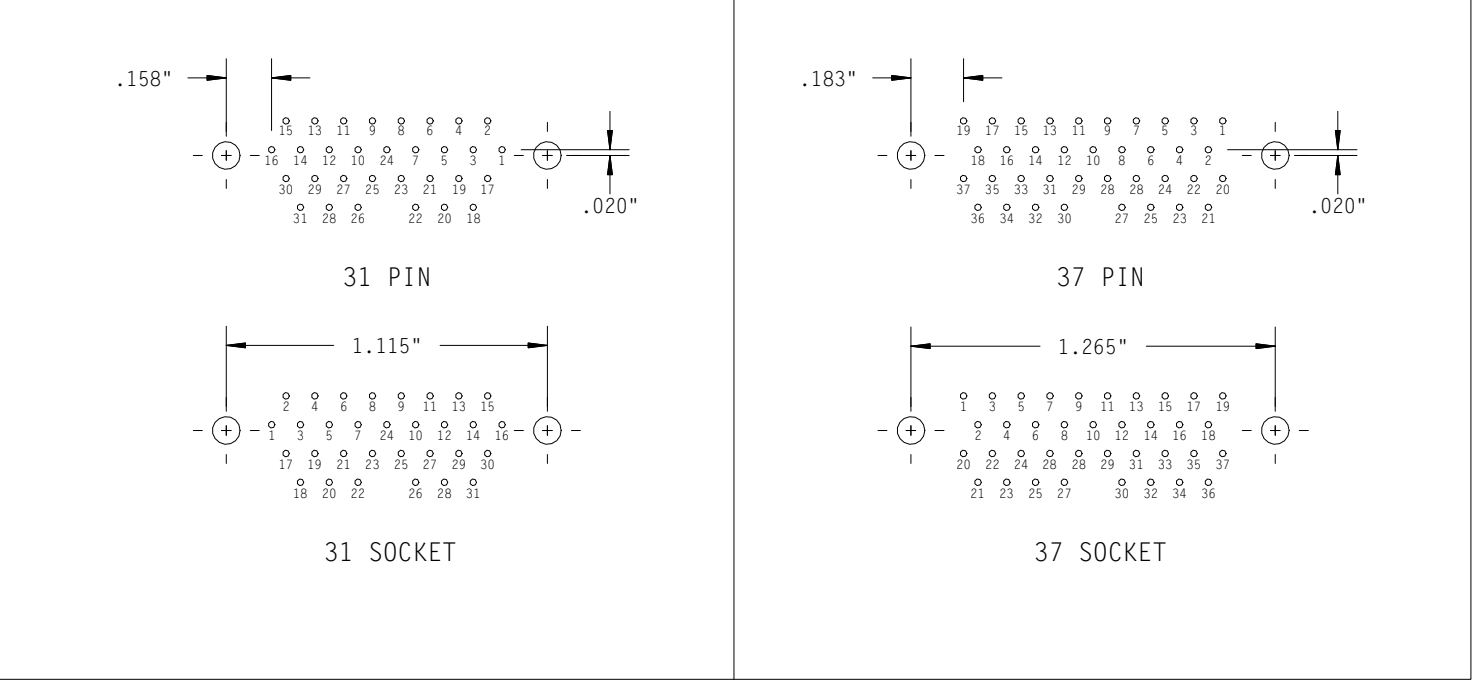
- a) INSULATOR AND TERMINATION BOX: POLYPHENYLENE SULFIDE (PPS)
- b) SHELL: NICKEL-PLATED OR BLACK ANODIZED ALUMINUM
- c) CONTACT: GOLD-PLATED COPPER
- d) TERMINATION WIRE: 24 AWG SOLID COPPER TIN-PLATED
- e) HARDWARE: 300 SERIES STAINLESS STEEL

2 FOR PERFORMANCE DATA AND DIMENSIONS NOT SHOWN, REFER  
TO THE 'D' SERIES SECTION IN THE MIN-E-CON CATALOG

|                              |  |                                                                                       |                          |                                                                                       |                 |
|------------------------------|--|---------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|-----------------|
| INTENDED USE<br>CUSTOMER USE |  |  |                          | 17312 EASTMAN<br>IRVINE, CA 92614                                                     |                 |
| REFERENCE                    |  |                                                                                       |                          |                                                                                       |                 |
| SIGNATURES                   |  | DATE                                                                                  |                          | DWG TITLE<br><b>CONNECTOR, MICRO 'D' LOW PROFILE<br/>METAL SHELL - RT ANGLE PC MT</b> |                 |
| DRAWN<br>CHARETTE            |  | 12-15-09                                                                              |                          |                                                                                       |                 |
| CHECKED                      |  |                                                                                       |                          |                                                                                       |                 |
| APPROVED                     |  |                                                                                       |                          |                                                                                       |                 |
|                              |  | SIZE<br><b>B</b>                                                                      | FSCM NO.<br><b>54455</b> | DWG NO.<br><b>00-005-0018</b>                                                         | REV<br><b>F</b> |
|                              |  | SCALE<br>NONE                                                                         | SHEET<br>1 of 2          |                                                                                       |                 |

| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ECO       | REV | DESCRIPTION | DATE | APPROVED |
|           | F   | SEE SHEET 1 |      |          |

|                 |                  |                  |                  |                                            |
|-----------------|------------------|------------------|------------------|--------------------------------------------|
| <p>9 PIN</p>    | <p>15 PIN</p>    | <p>21 PIN</p>    | <p>25 PIN</p>    | <p>25 PIN</p>                              |
| <p>9 SOCKET</p> | <p>15 SOCKET</p> | <p>21 SOCKET</p> | <p>25 SOCKET</p> | <p>25 SOCKET<br/>(ALTERNATE FOOTPRINT)</p> |



|                   |          |                                                                                       |                          |                               |                 |
|-------------------|----------|---------------------------------------------------------------------------------------|--------------------------|-------------------------------|-----------------|
| INTENDED USE      |          |  |                          | 17312 EASTMAN                 |                 |
| CUSTOMER USE      |          |                                                                                       |                          | IRVINE, CA 92614              |                 |
| REFERENCE         |          | DWG TITLE<br><b>CONNECTOR, MICRO 'D' LOW PROFILE<br/>METAL SHELL - RT ANGLE PC MT</b> |                          |                               |                 |
| SIGNATURES        | DATE     |                                                                                       |                          |                               |                 |
| DRAWN<br>CHARETTE | 12-15-09 |                                                                                       |                          |                               |                 |
| CHECKED           |          |                                                                                       |                          |                               |                 |
| APPROVED          |          | SIZE<br><b>B</b>                                                                      | FSCM NO.<br><b>54455</b> | DWG NO.<br><b>00-005-0018</b> | REV<br><b>F</b> |
|                   |          | SCALE<br>NONE                                                                         |                          | SHEET<br>2 of 2               |                 |

SEE SHEET 1 FOR NOTES