

| LOC | DIST | REVISIONS |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
| GP  | 00   |           | Z1  | REVISED PER ECO-11-004835 | 11MAR11 | RK  | HMR  |

D

C

B

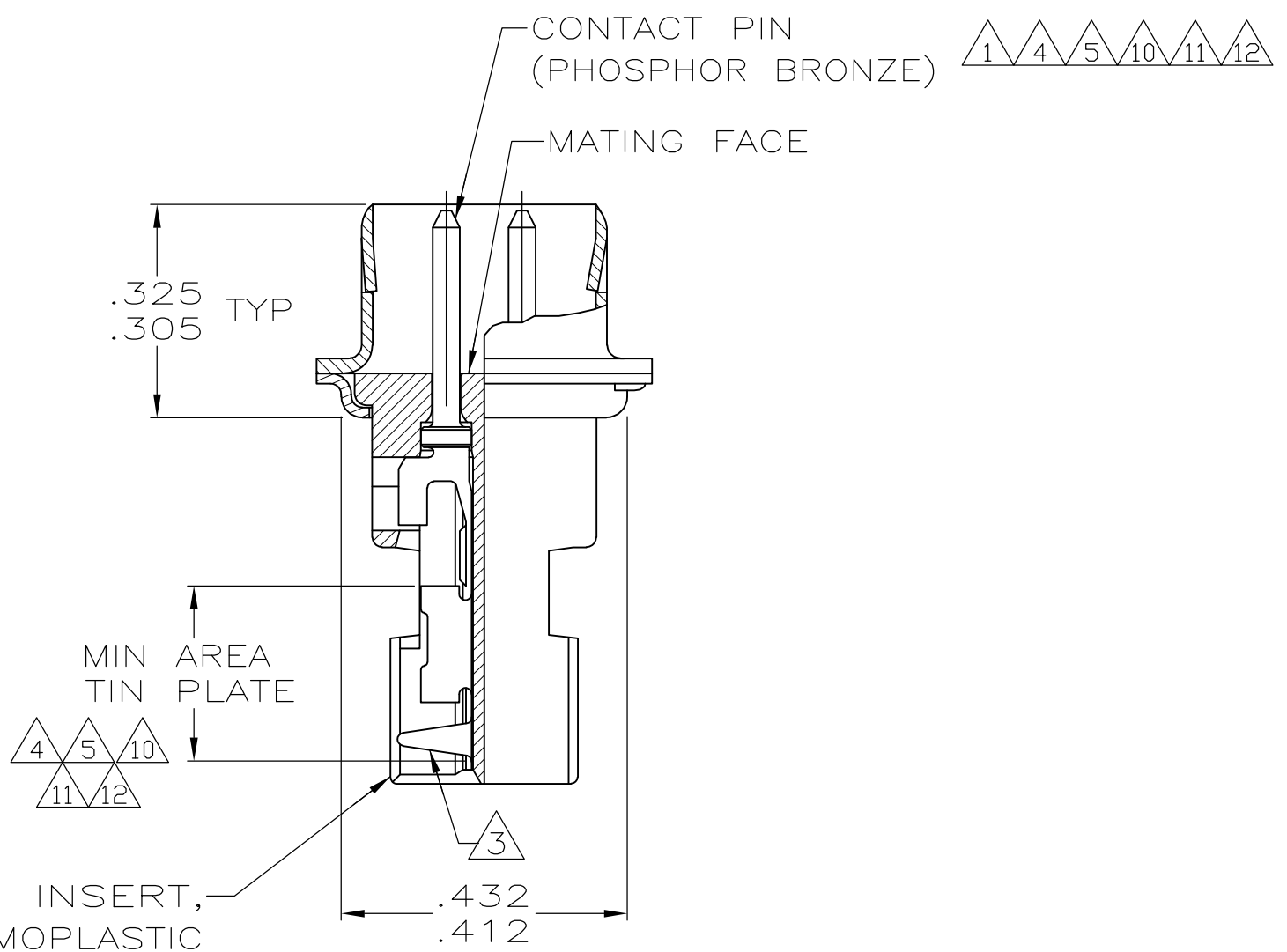
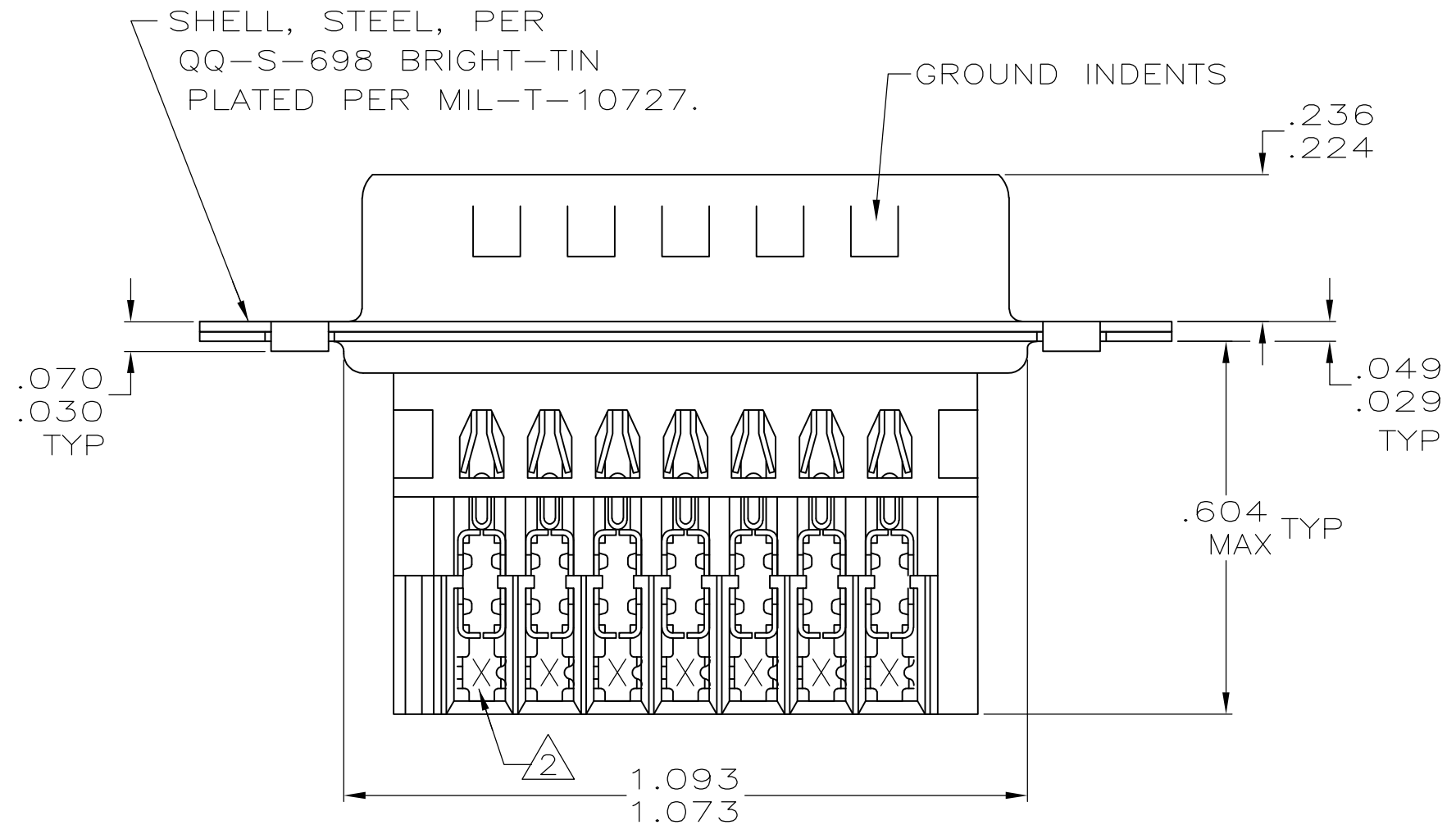
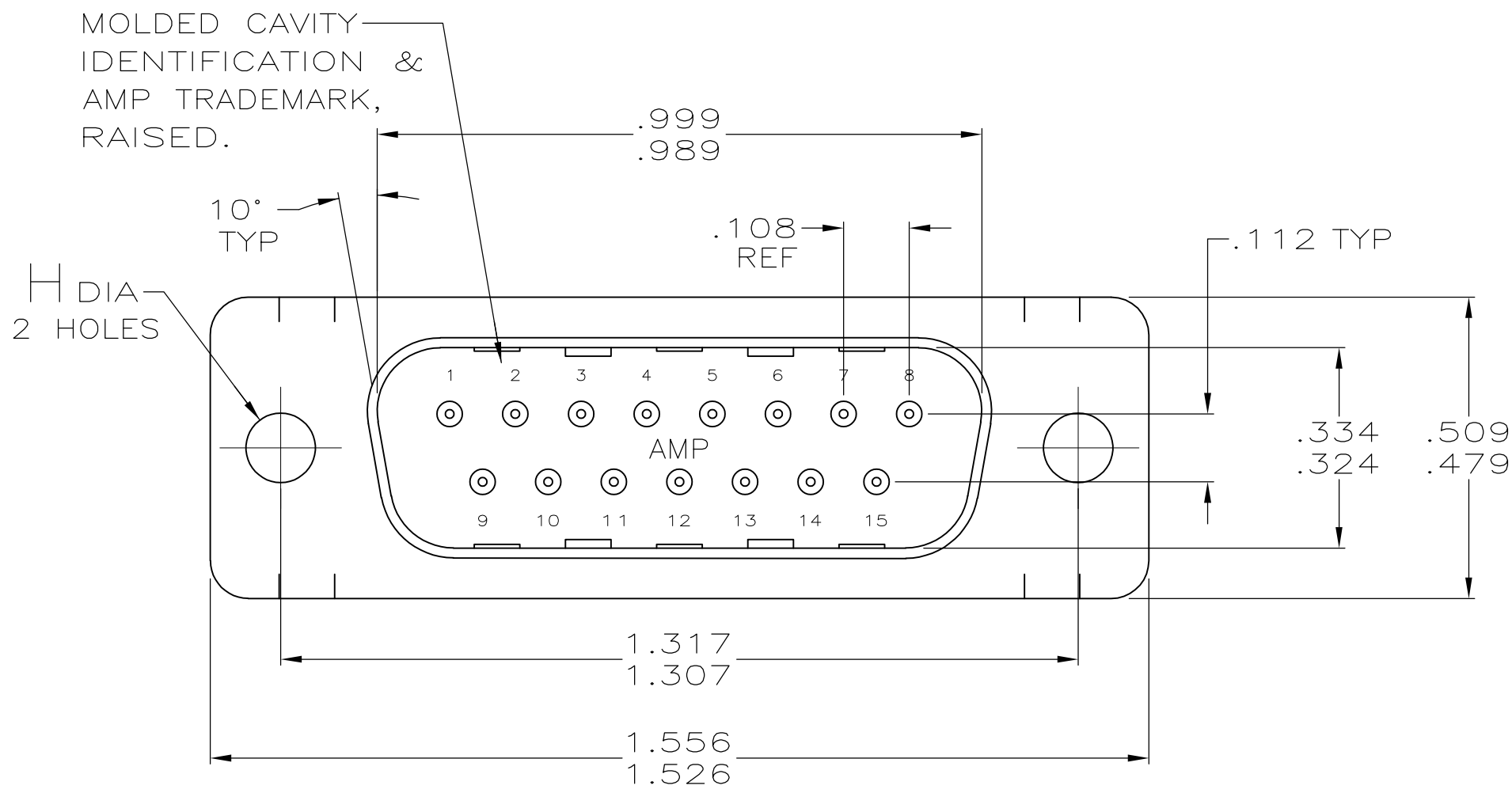
A

D

C

B

A



GLASS FILLED THERMOPLASTIC  
94V-0. RATED, BLACK

|                                                                                       |                                           |                                                          |                                                                                                       |  |      |
|---------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--|------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                           | DWN<br>L. VARELA — 11-16-04<br>CHK<br>J. GERACE 11-16-04 |  TE Connectivity |  |      |
| DIMENSIONS:<br>INCHES                                                                 | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: | APVD<br>M. WALMSLEY 11-16-04                             |                                                                                                       |  | NAME |
|  | 0 PLC ± -                                 | PRODUCT SPEC<br>108-40011                                | PLUG ASSEMBLY,<br>METAL SHELL, SIZE 2, 15 POSITION,<br>SERIES HDE-20 FOR MASS TERMINATION             |  |      |
|                                                                                       | 1 PLC ± -                                 | APPLICATION SPEC<br>114-40002                            |                                                                                                       |  |      |
|                                                                                       | 2 PLC ± .005                              | SIZE<br>A2                                               |                                                                                                       |  |      |
| 3 PLC ± -                                                                             | 4 PLC ± -                                 | WEIGHT<br>-                                              | SCALE<br>4:1                                                                                          |  |      |
| 4 ANGLES ± 2°                                                                         | FINISH                                    | CUSTOMER DRAWING                                         |                                                                                                       |  |      |
| MATERIAL<br>SEE CALL OUT                                                              | SEE TABLES                                |                                                          |                                                                                                       |  |      |

| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| GP  | 00   |           | —   | SEE SHEET 1 | —    | —   | —    |

- 1

HOUSING FULLY LOADED WITH CONTACTS.
- 2

NUMBER ON CONTACT INDICATES WIRE RANGE.
- 3

CONTACT INSULATION RANGE: .060 MAXIMUM O.D.
- 4

CONTACTS GOLD PLATED FOR A LENGTH OF .150 MIN FROM MATING END, .000030 MIN GOLD IN MATED AREA, .000100-.000200 BRIGHT TIN OR BRIGHT TIN-LEAD IN AREA SHOWN, ALL OVER .000050 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.  
OR  
CONTACTS GOLD PLATED FOR A LENGTH OF .150 MIN FROM MATING END, GOLD FLASH OVER .000030 MIN PALLADIUM-NICKEL IN MATED AREA, .000100-.000200 BRIGHT TIN OR BRIGHT TIN-LEAD IN AREA SHOWN, ALL OVER .000050 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.
- 5

GOLD PLATED FOR LENGTH OF .150 MIN FROM MATING END, GOLD FLASH IN MATED AREA. .000100-.000200 BRIGHT TIN OR BRIGHT IN TIN-LEAD AREA SHOWN. .000030 NICKEL UNDERPLATE ON ENTIRE CONTACT.
- 6

OBSOLETE PART NUMBER.
- 7

GOLD PLATED FOR LENGTH OF .150 MIN FROM MATING END, .000050 MIN GOLD IN MATED AREA. .000100-.000200 BRIGHT TIN OR BRIGHT IN TIN-LEAD AREA SHOWN. .000050 NICKEL UNDERPLATE ON ENTIRE CONTACT.
- 9

SUPERSEDED BY 745494-5.
- 10

CONTACTS GOLD PLATED FOR A LENGTH OF .150 MIN FROM MATING END, .000030 MIN GOLD IN MATED AREA, .000100-.000200 MATTE TIN IN AREA SHOWN, ALL OVER .000050 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.  
OR  
CONTACTS GOLD PLATED FOR A LENGTH OF .150 MIN FROM MATING END, GOLD FLASH OVER PALLADIUM-NICKEL, .000030 MIN TOTAL IN MATED AREA, .000100-.000200 MATTE TIN IN AREA SHOWN, ALL OVER .000050 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.
- 11

CONTACTS PLATED GOLD FLASH FOR A LENGTH OF .150 MIN FROM MATING END, .000100-.000200 MATTE TIN IN AREA SHOWN, ALL OVER .000030 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.
- 12

CONTACTS GOLD PLATED FOR A LENGTH OF .150 MIN FROM MATING END, .000050 MIN GOLD IN MATED AREA, .000100-.000200 MATTE TIN IN AREA SHOWN, ALL OVER .000050 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.  
OR  
CONTACTS GOLD PLATED FOR A LENGTH OF .150 MIN FROM MATING END, GOLD FLASH OVER PALLADIUM-NICKEL, .000050 MIN TOTAL IN MATED AREA, .000100-.000200 MATTE TIN IN AREA SHOWN, ALL OVER .000050 MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.

|            |              |                |              |                |                         |
|------------|--------------|----------------|--------------|----------------|-------------------------|
| STANDARD   | .156<br>.146 | <div>12</div>  | 2            | #22-26         | <div>6</div> 1-745494-9 |
| STANDARD   | .125<br>.115 | <div>12</div>  | 2            | #22-26         | 1-745494-8              |
| STANDARD   | .125<br>.115 | <div>10</div>  | 1            | #26-30         | 1-745494-7              |
| STANDARD   | .125<br>.115 | <div>11</div>  | 2            | #22-26         | 1-745494-6              |
| STANDARD   | .125<br>.115 | <div>10</div>  | 2            | #22-26         | 1-745494-5              |
| STANDARD   | .125<br>.115 | <div>7</div>   | 2            | #22-26         | <div>6</div> 1-745494-4 |
| SMALL PACK | .125<br>.115 | <div>5</div>   | 2            | #22-26         | <div>9</div> 1-745494-3 |
|            |              | <div>7</div>   | 2            | #22-26         | <div>6</div> 1-745494-2 |
|            |              | <div>5</div>   | 2            | #22-26         | <div>6</div> 1-745494-1 |
| STANDARD   | .156<br>.146 | <div>4</div>   | 1            | #26-30         | <div>6</div> 1-745494-0 |
|            |              |                | 3            | #20-22         | <div>6</div> 745494-9   |
|            |              |                | 2            | #22-26         | <div>6</div> 745494-8   |
| STANDARD   | .125<br>.115 | <div>5</div>   | 1            | #26-30         | <div>6</div> 745494-7   |
|            |              |                | 2            | #22-26         | <div>6</div> 745494-5   |
|            |              |                | 3            | #20-22         | <div>6</div> 745494-6   |
| STANDARD   | .125<br>.115 | <div>4</div>   | 1            | #26-30         | <div>6</div> 745494-4   |
|            |              |                | 2            | #22-26         | <div>6</div> 745494-2   |
|            |              |                | 3            | #20-22         | <div>6</div> 745494-3   |
| PACKAGING  | H            | CONTACT FINISH | <div>2</div> | AWG WIRE RANGE | PART NUMBER             |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

L. VARELA

11-16-04

CHK

J. GERACE

11-16-04

APVD

M. WALMSLEY

11-16-04

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .005

4 PLC ± -

ANGLES ± 2°

MATERIAL

SEE CALL OUT

FINISH

SEE TABLES

PRODUCT SPEC

108-40011

APPLICATION SPEC

114-40002

WEIGHT

-

CUSTOMER DRAWING

NAME

TE Connectivity

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=745494

RESTRICTED TO

-

SCALE

4:1

SHEET

2 of 2

REV

Z1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1-745494-8](#)