

| LOC | DST | REVISIONS |     |                                         |           |     |      |  |
|-----|-----|-----------|-----|-----------------------------------------|-----------|-----|------|--|
|     |     | P         | LTR | DESCRIPTION                             | DATE      | DWN | APVD |  |
| AG  | 00  | A         |     | CHANGE PART STATUS TO ACTIVE EC-1003034 | 20JUL2010 | TR  | KZ   |  |
|     |     | B         |     | ECO-12-013650                           | 12OCT2012 | GZ  | KZ   |  |
|     |     | C         |     | ECO-13-001347                           | 25JAN2013 | GZ  | KZ   |  |

1. MATERIAL:  
HOUSING: BLACK, THERMOPLASTIC, RATED UL 94V-0.  
SHIELD: COPPER ALLOY WITH NICKEL PLATING.  
CONTACTS: PHOSPHER BRONZE.  
CONTACT PLATING: 0.05µm MIN GOLD OVER  
0.76µm MIN PALLADIUM-NICKEL, AT MATING  
INTERFACE CONTACT AREA.
2. TE LOGO, PART NUMBER, DATE CODE AND  
COUNTRY OF ORIGIN, SHOWN APPROXIMATE AREA.
3. LED IS DRIVEN WITH CURRENT AT APPROX 20 mA  
DOMINANT WAVELENGTH (λD): GREEN 573 nm TYP AT IF=20mA  
FORWARD VOLTAGE (VF): GREEN 2.0V TYP at IF=20mA  
DOMINANT WAVELENGTH (λD): RED 624 nm TYP AT IF=20mA  
FORWARD VOLTAGE (VF): RED 2.0V TYP at IF=20mA  
DOMINANT WAVELENGTH (λD): YELLOW 589 nm TYP AT IF=20mA  
FORWARD VOLTAGE (VF): YELLOW 2.0V TYP at IF=20mA

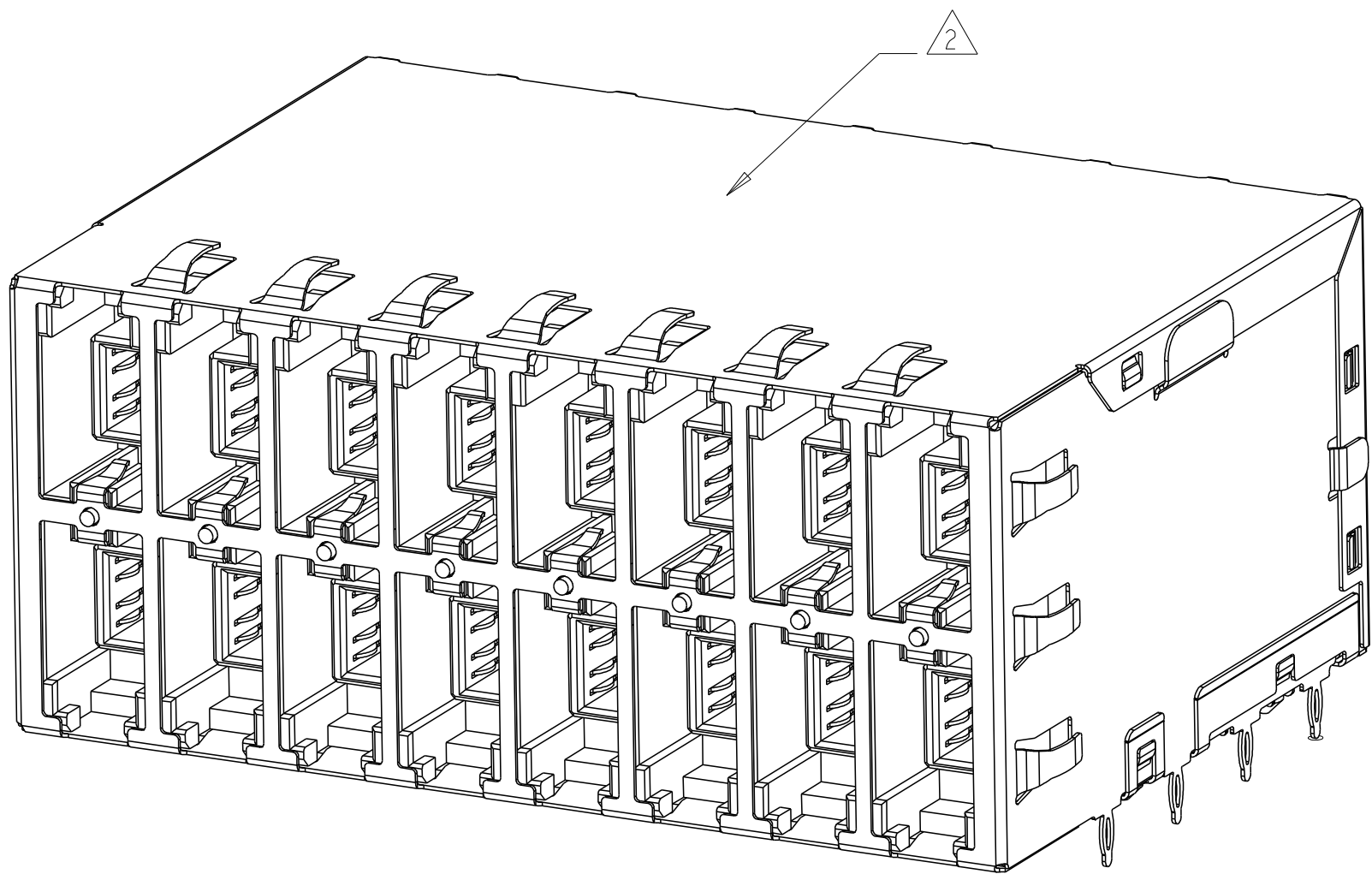
4. RECOMMENDED MIN PCB THICKNESS 1.5mm (.062").

5. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

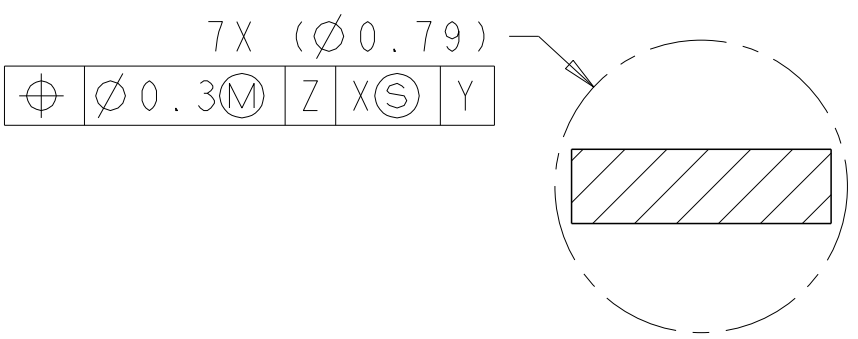
6. FOR HOLE SIZE AND PLATINGS, SEE SHEET 4.

7. -APPLICATION 10/100/1000 BASE-T  
-IMPEDANCE 100 OHMS  
-PERFORMANCE:  
ALL PAIRS ARE BI-DIRECTIONAL  
TIA-568-C.2 CATEGORY 5E COMPLIANT  
INSERTION LOSS:  
1≤F≤6.3MHZ = .01dB (MAX)  
6.3≤F≤100MHZ = .04X SQRT(F)dB (MAX)  
RETURN LOSS:  
1≤F≤31.5MHZ = 30dB (MIN)  
31.5≤F≤100MHZ = 20-(20XLOG(F/100))dB (MIN)  
NEXT LOSS:  
1≤F <7.9MHZ = 65dB (MIN)  
7.9≤F≤100MHZ = 43-(20XLOG(F/100))dB (MIN)  
FEXT LOSS:  
1≤F≤3.2MHZ = 65dB (MIN)  
3.2≤F≤100MHZ = 35.1-(20XLOG(F/100))dB (MAX)

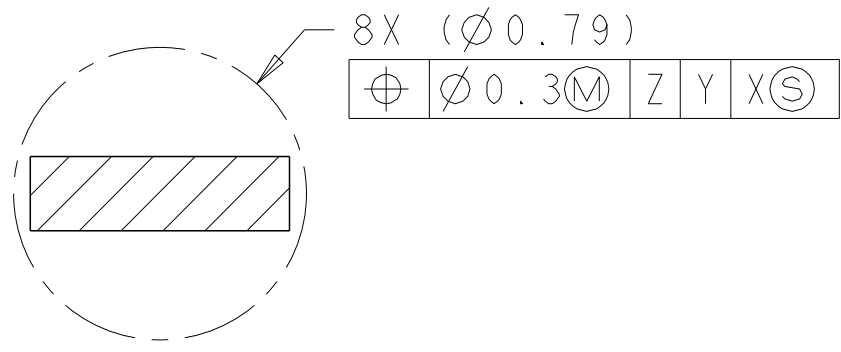
-ISOLATION VOLTAGE: 2250VDC(MAX) FOR 60 SECONDS WITH  
A RISE TIME OF 500V/SEC.



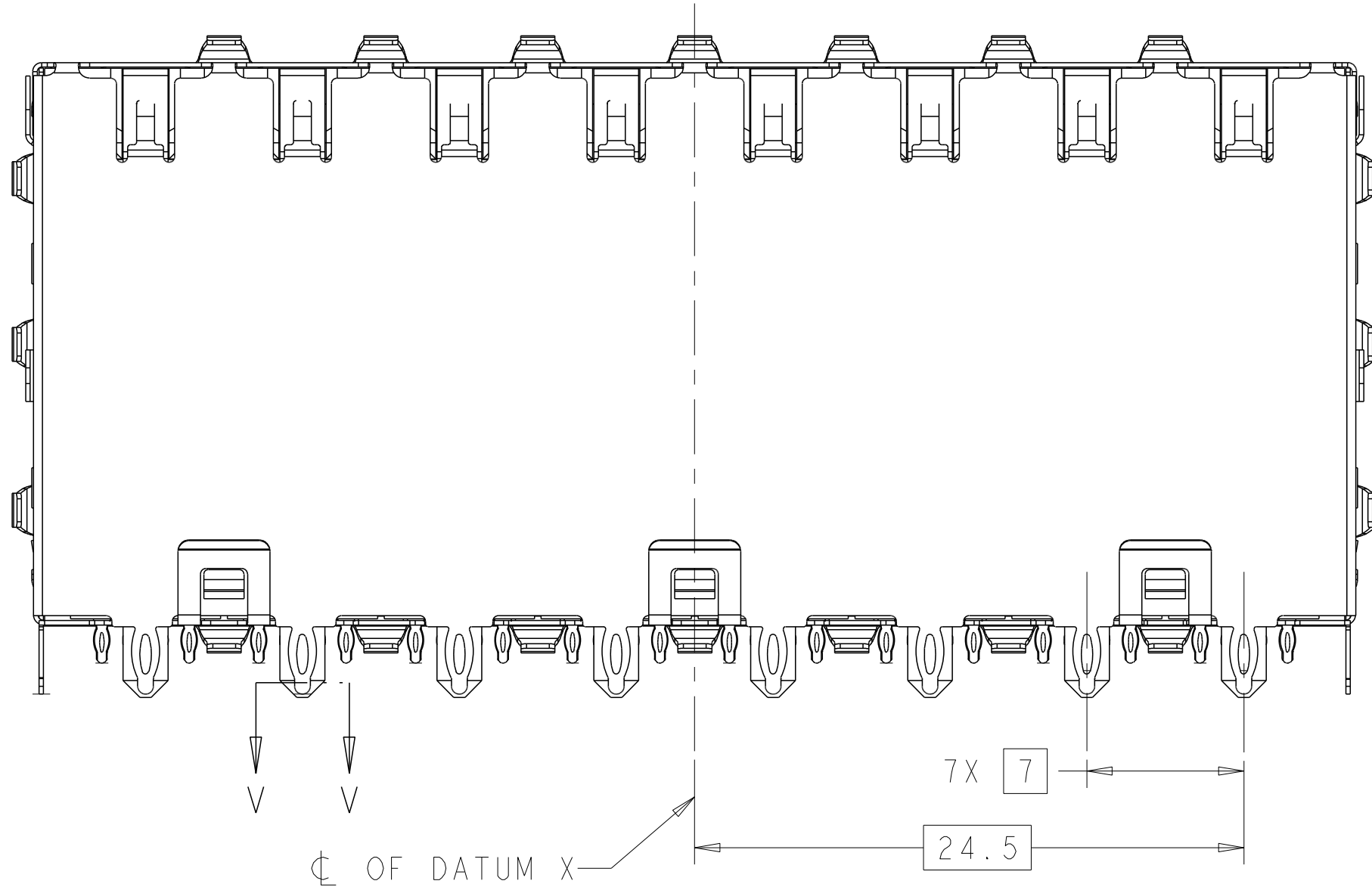
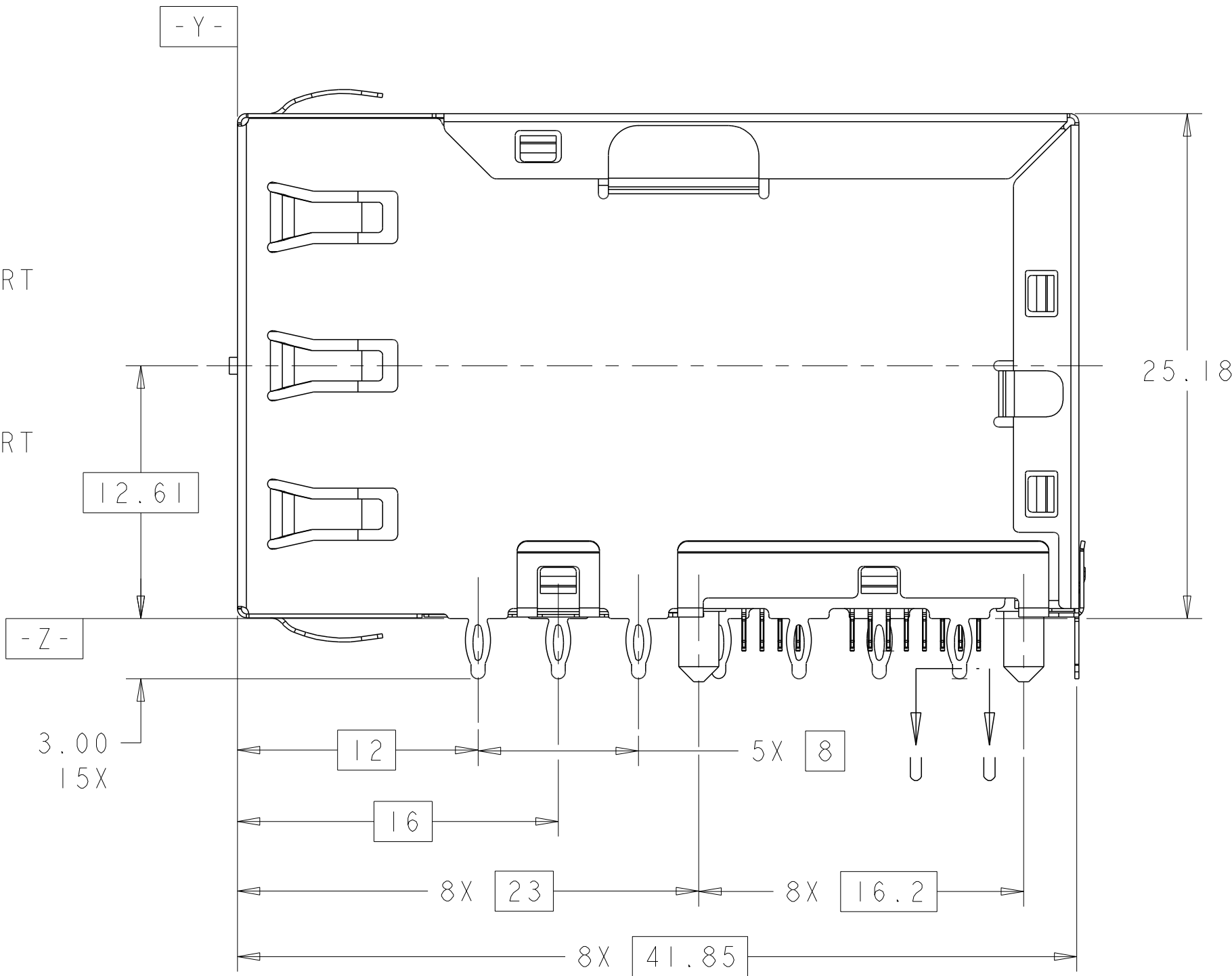
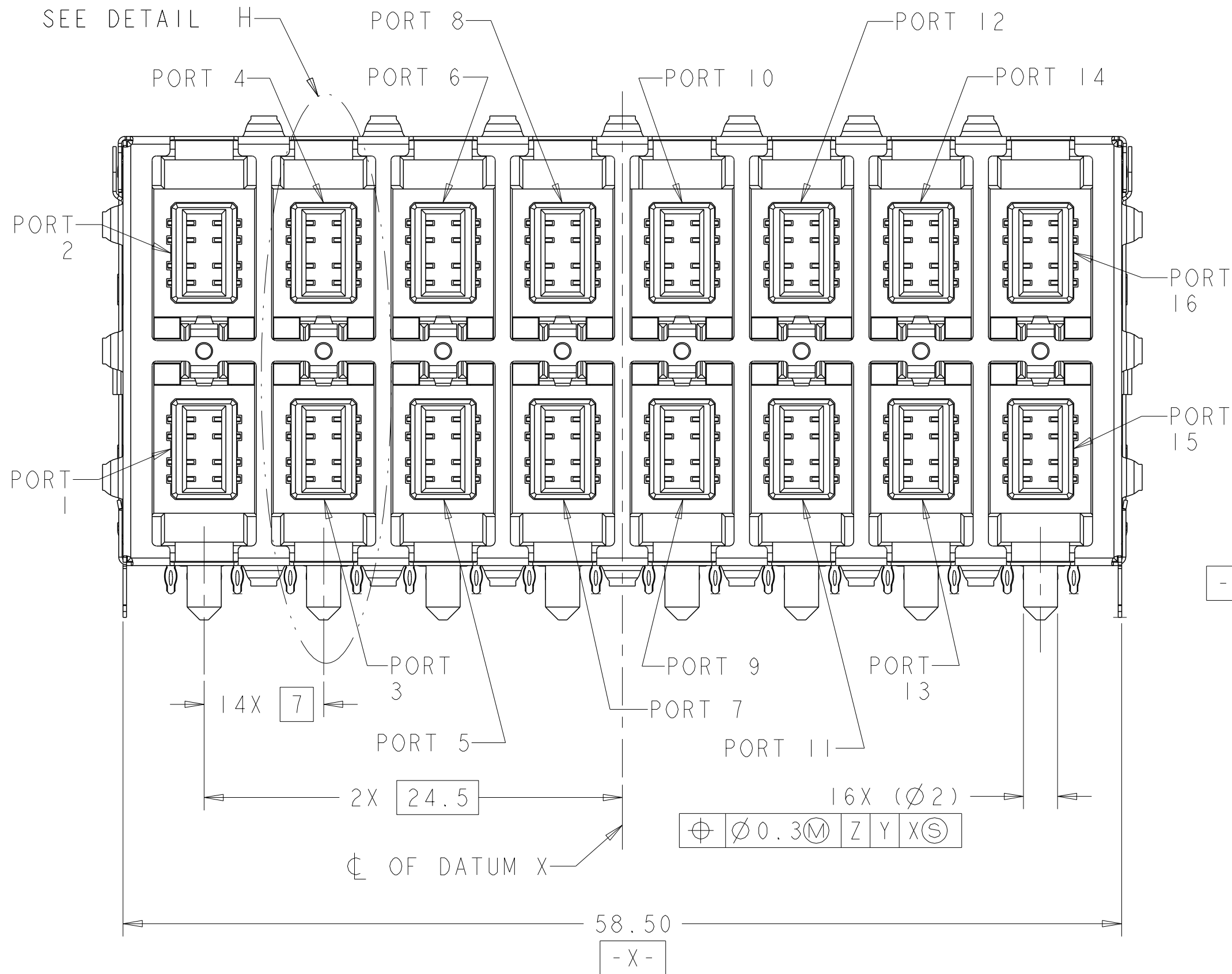
SCALE 3:1



SECTION U-U  
SCALE 50:1



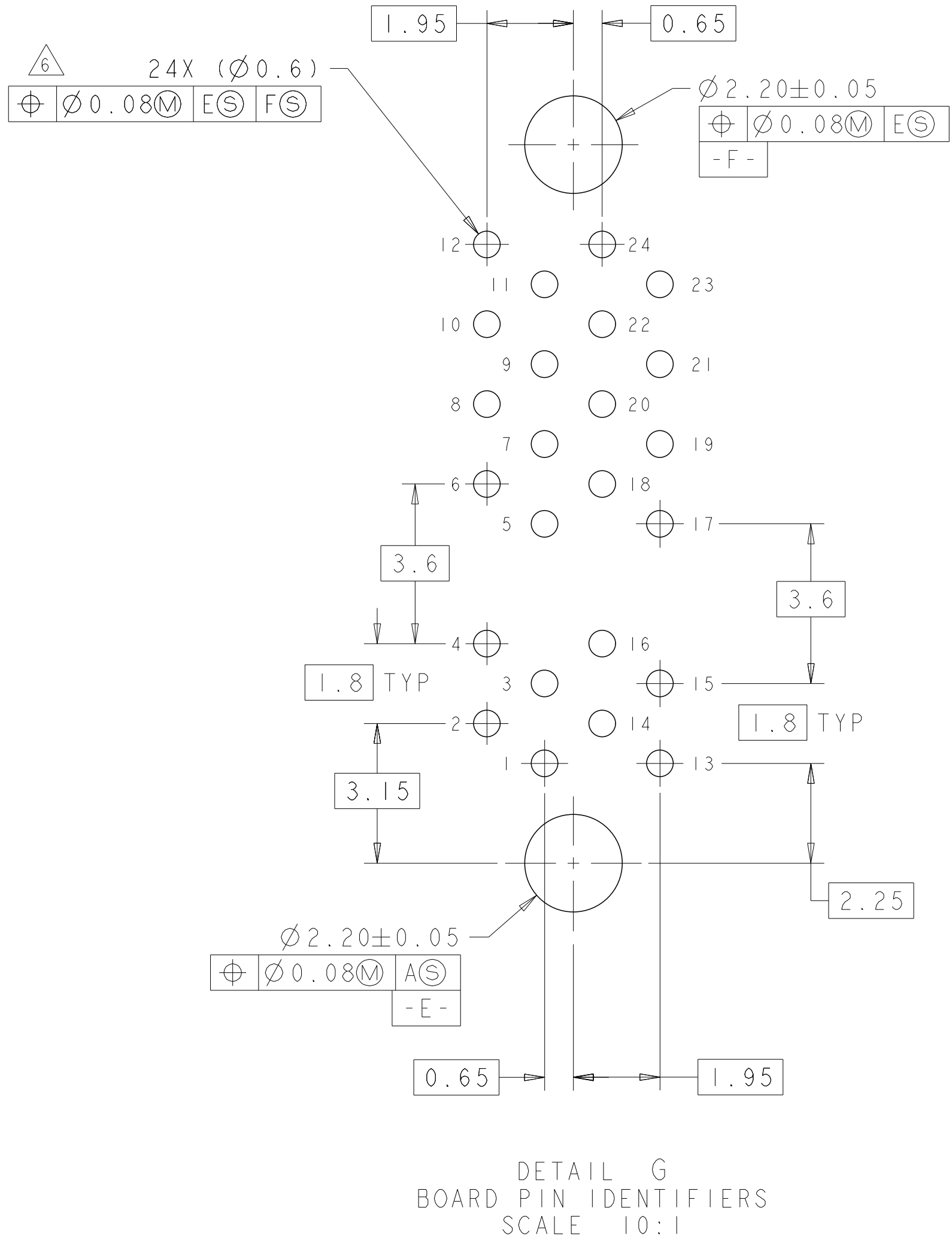
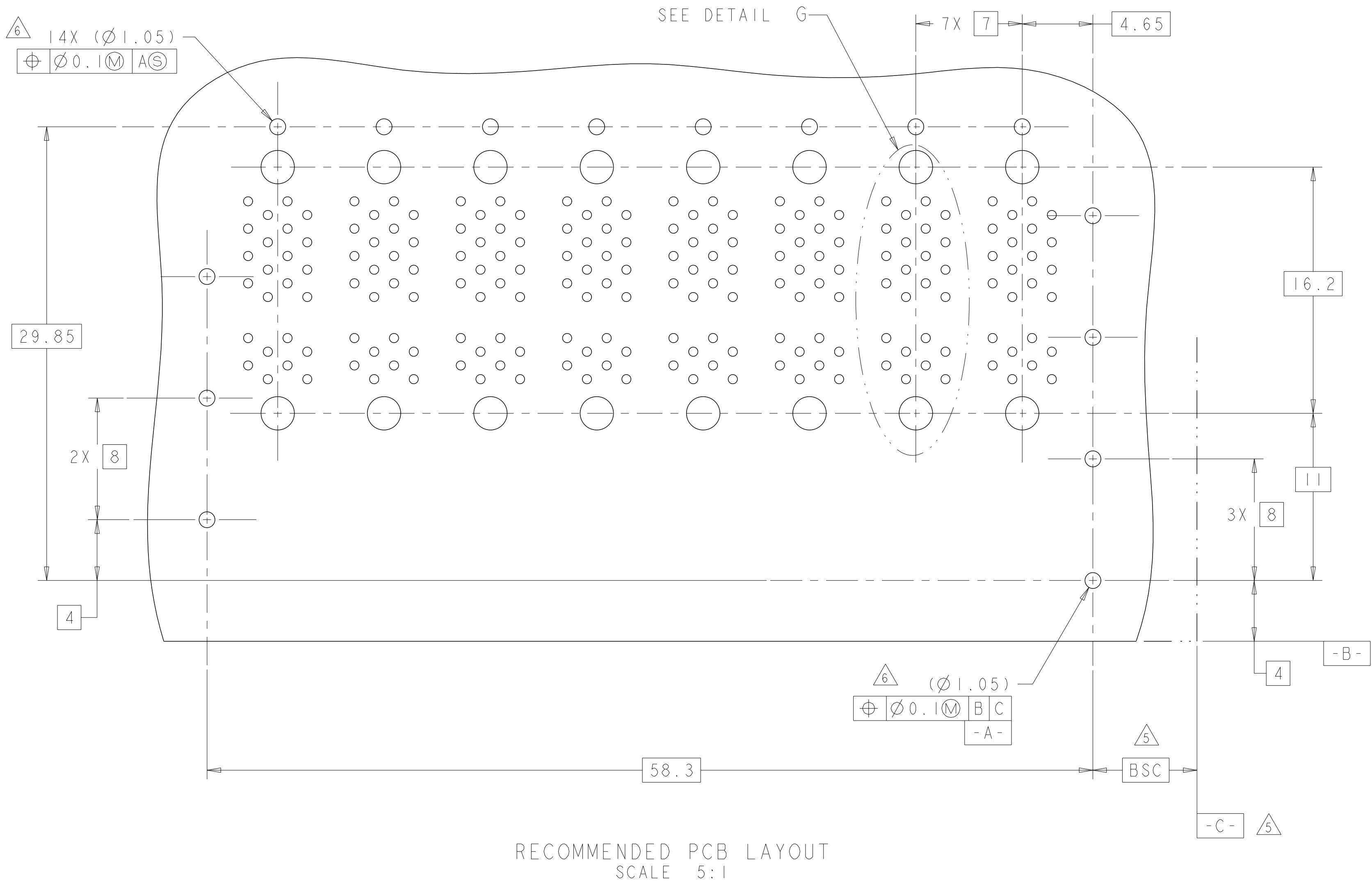
SECTION V-V  
SCALE 50:1



|                        |           |
|------------------------|-----------|
| YELLOW/GREEN BI-COLORS | 2057133-2 |
| RED/GREEN BI-COLORS    | 2057133-1 |
| LED COLORS             | PART NO   |

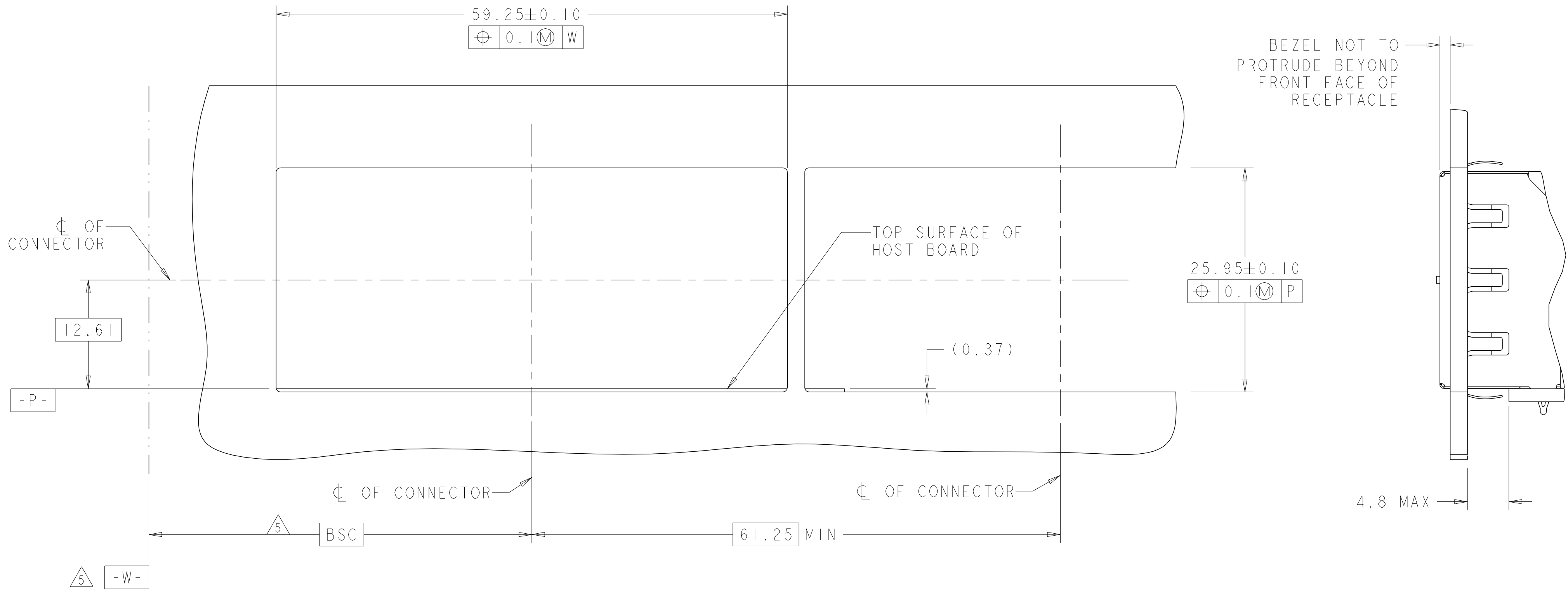
|                                        |  |                         |                                                        |  |
|----------------------------------------|--|-------------------------|--------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN M. SHIRK 09APR2008  | STE TE Connectivity                                    |  |
| DIMENSIONS: mm                         |  | CHW B. HENRY 09APR2008  |                                                        |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD B. HENRY 09APR2008 | NAME                                                   |  |
| 0 PLC ±                                |  | PRODUCT SPEC 108-2341   | RECEPTACLE ASSEMBLY, 2X8, NON MAGNETICS, RJ POINT FIVE |  |
| 1 PLC ±                                |  | APPLICATION SPEC        | SIZE CAGE CODE DRAWING NO                              |  |
| 2 PLC ±                                |  | WEIGHT                  | A100779C=2057133                                       |  |
| 3 PLC ±                                |  | CUSTOMER DRAWING        | RESTRICTED TO                                          |  |
| 4 PLC ±                                |  | SCALE 4:1               | SHEET 1 OF 5                                           |  |
| ANGLES FINISH                          |  |                         | REV C                                                  |  |

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

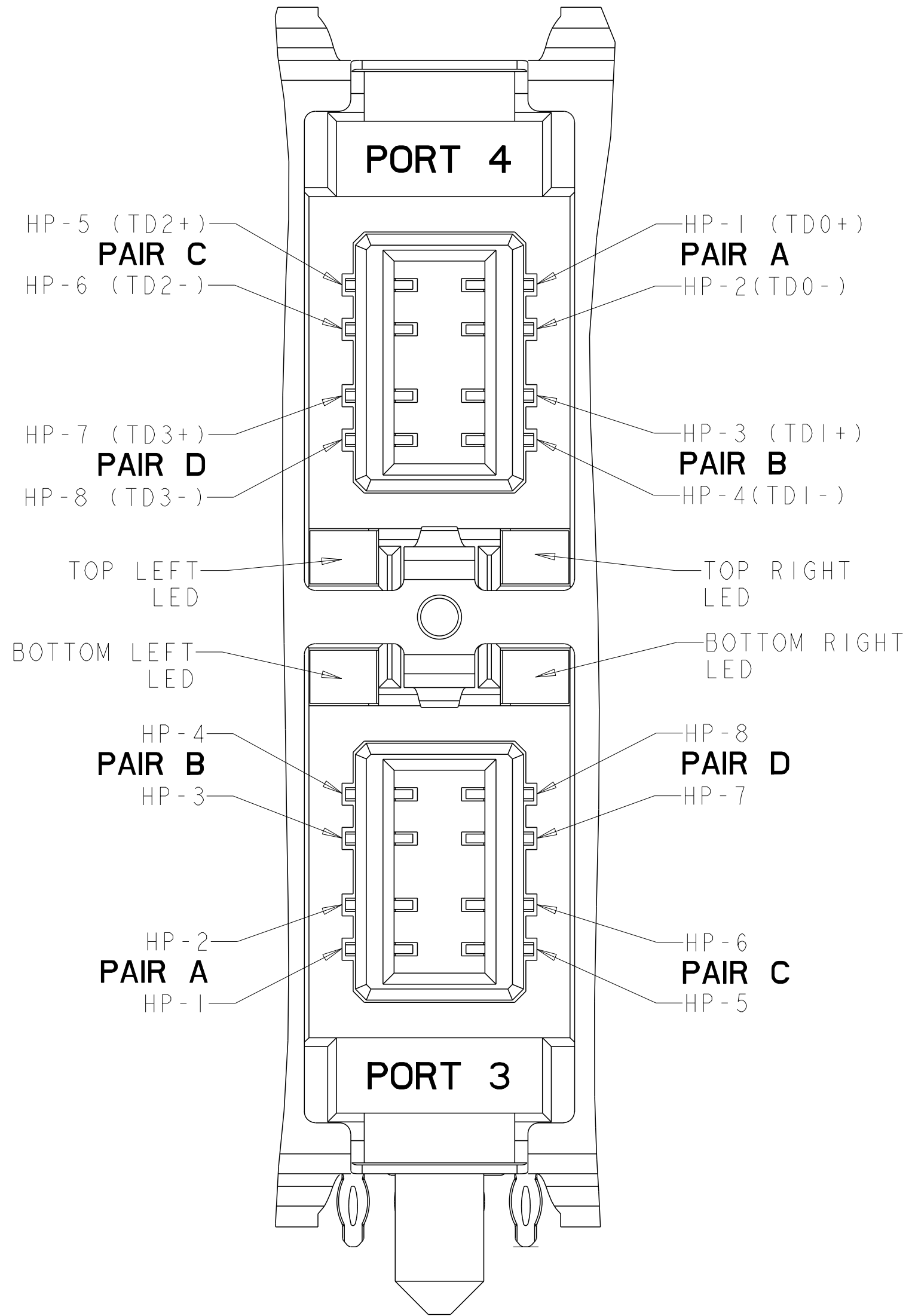


|                                        |  |  |                                           |                                                                                                       |  |  |                                                                            |           |            |               |    |   |     |   |
|----------------------------------------|--|--|-------------------------------------------|-------------------------------------------------------------------------------------------------------|--|--|----------------------------------------------------------------------------|-----------|------------|---------------|----|---|-----|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  |  | DWN<br>M. SHIRK<br>09APR2008              |  TE Connectivity |  |  |                                                                            |           |            |               |    |   |     |   |
|                                        |  |  | CWN<br>R. HENRY<br>09APR2008              |                                                                                                       |  |  |                                                                            |           |            |               |    |   |     |   |
|                                        |  |  | APVD<br>R. HENRY<br>09APR2008             |                                                                                                       |  |  |                                                                            |           |            |               |    |   |     |   |
|                                        |  |  | PRODUCT SPEC<br>108-2341                  |                                                                                                       |  |  |                                                                            |           |            |               |    |   |     |   |
| DIMENSIONS:                            |  |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |                                                                                                       |  |  | NAME<br><br>RECEPTACLE ASSEMBLY,<br>2X8, NON MAGNETICS, RJ POINT FIVE<br>- |           |            |               |    |   |     |   |
| mm                                     |  |  | 0 PLC ±.                                  |                                                                                                       |  |  |                                                                            |           |            |               |    |   |     |   |
|                                        |  |  | 1 PLC ±.                                  |                                                                                                       |  |  |                                                                            |           |            |               |    |   |     |   |
|                                        |  |  | 2 PLC ±0.25                               |                                                                                                       |  |  |                                                                            |           |            |               |    |   |     |   |
|                                        |  |  | 3 PLC ±.                                  |                                                                                                       |  |  | APPLICATION SPEC                                                           |           |            |               |    |   |     |   |
|                                        |  |  | 4 PLC ±.                                  |                                                                                                       |  |  |                                                                            |           |            |               |    |   |     |   |
|                                        |  |  | ANGLES ±2°                                |                                                                                                       |  |  |                                                                            |           |            |               |    |   |     |   |
|                                        |  |  | FINISH                                    |                                                                                                       |  |  |                                                                            |           |            |               |    |   |     |   |
| MATERIAL                               |  |  | WEIGHT                                    |                                                                                                       |  |  | SIZE                                                                       | CAGE CODE | DRAWING NO | RESTRICTED TO |    |   |     |   |
| -                                      |  |  | -                                         |                                                                                                       |  |  | A 1                                                                        | 00779     | C=2057133  | -             |    |   |     |   |
| -                                      |  |  | -                                         |                                                                                                       |  |  |                                                                            |           |            |               |    |   |     |   |
| CUSTOMER DRAWING                       |  |  |                                           |                                                                                                       |  |  | SCALE                                                                      | 4:1       | SHEET      | 2             | OF | 5 | REV | C |

| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| AG  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      | -         |     | SEE SHEET I | -    | -   | -    |
|     |      |           |     |             |      |     |      |
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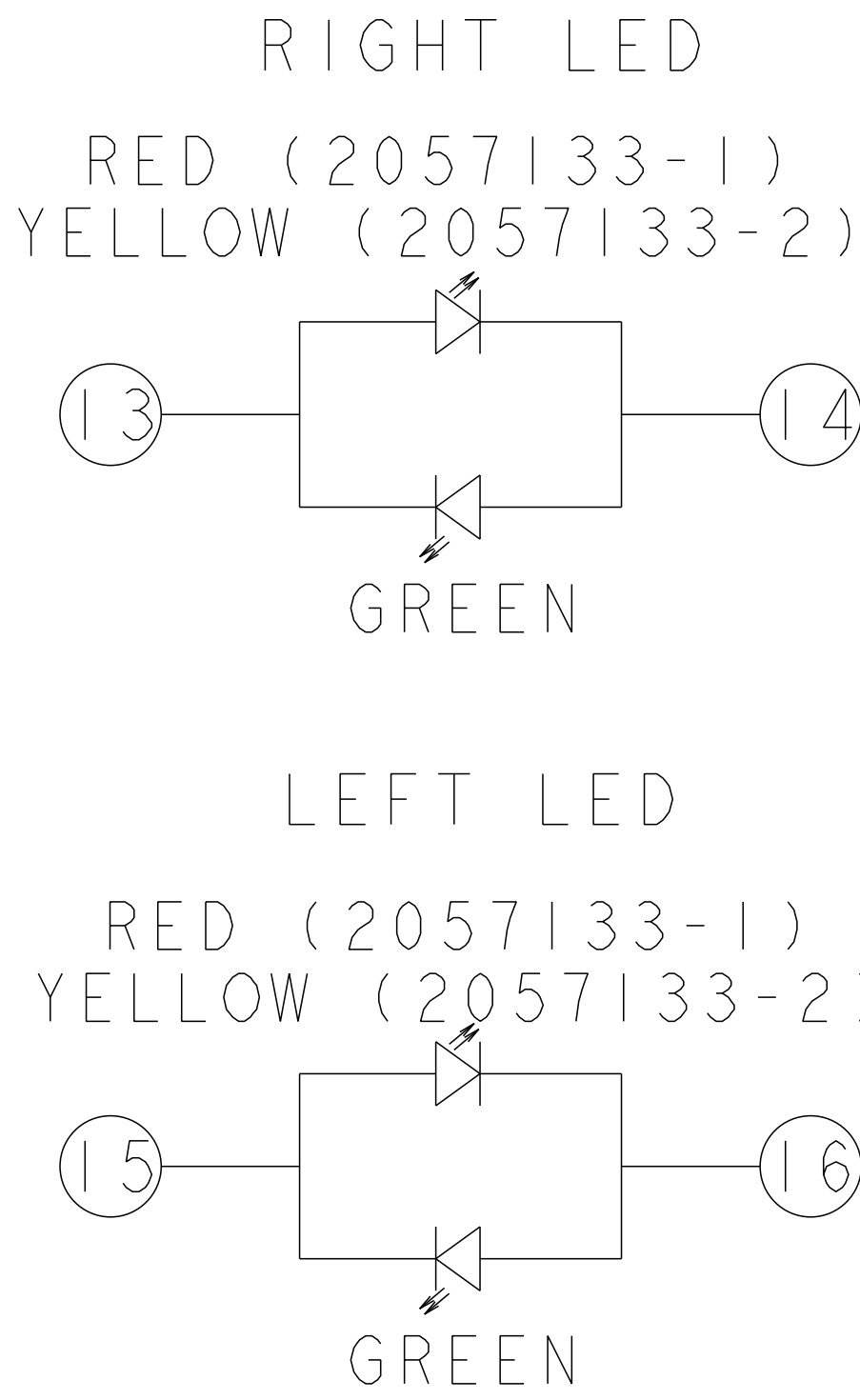
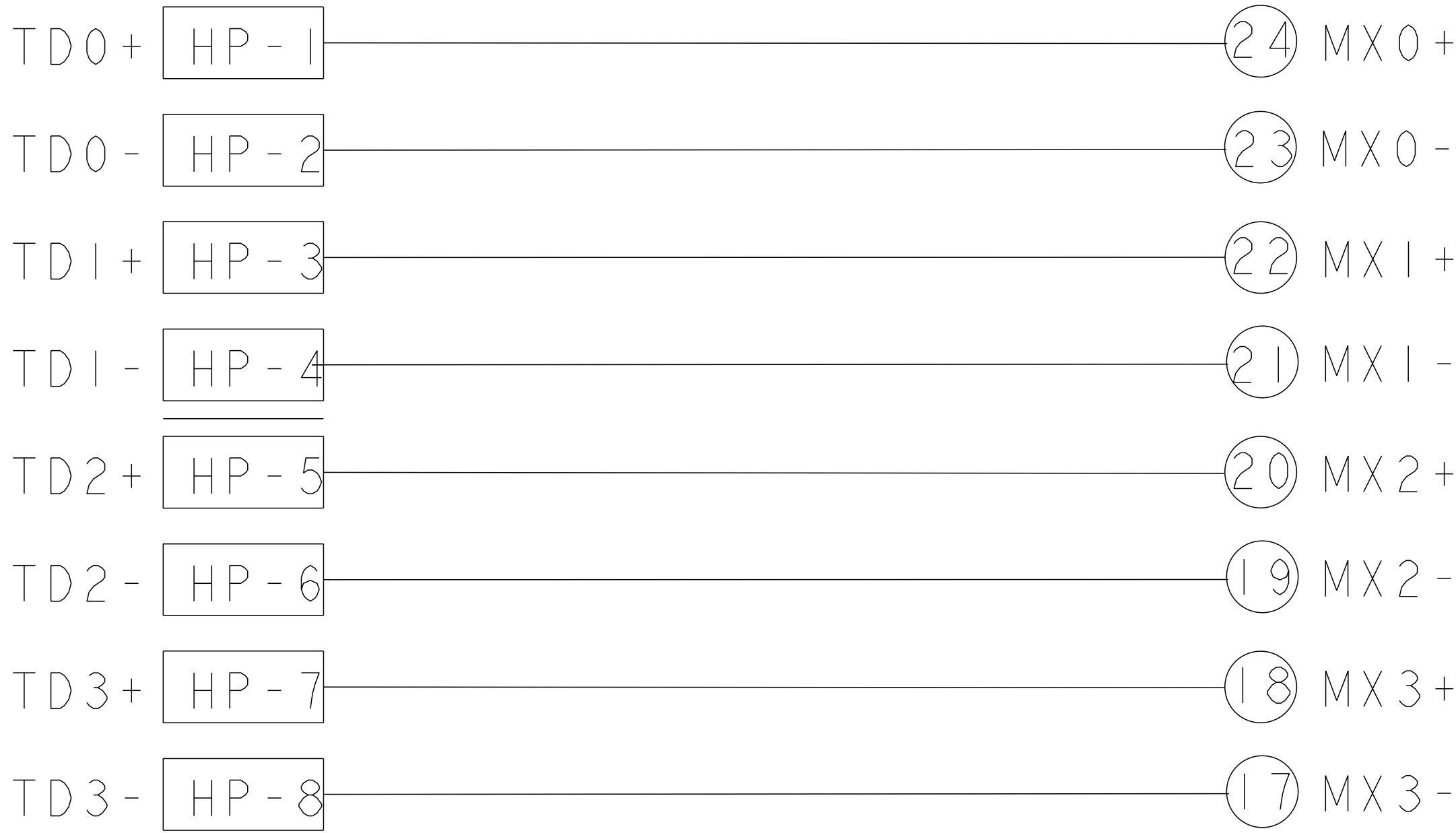
RECOMMENDED PANEL CUTOUT  
SCALE 3:1



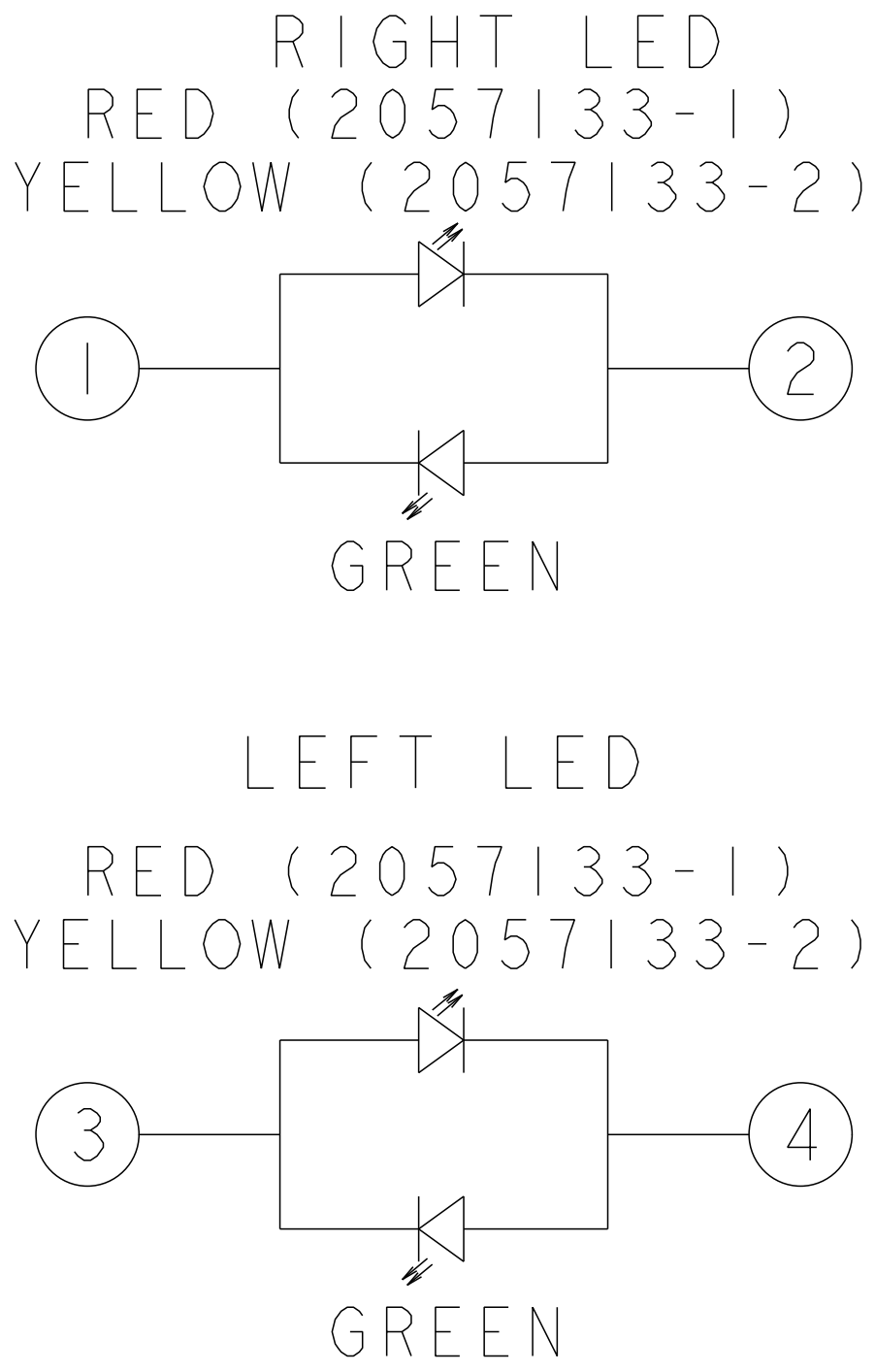
DETAIL H  
SCALE 10:1

|                                        |  |                         |                                                        |  |
|----------------------------------------|--|-------------------------|--------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN M. SHIRK 09APR2008  | STE TE Connectivity                                    |  |
|                                        |  | CWN R. HENRY 09APR2008  |                                                        |  |
|                                        |  | APVD R. HENRY 09APR2008 | NAME                                                   |  |
|                                        |  | PRODUCT SPEC            | RECEPTACLE ASSEMBLY, 2X8, NON MAGNETICS, RJ POINT FIVE |  |
|                                        |  | APPLICATION SPEC        | -                                                      |  |
|                                        |  | WEIGHT                  | SIZE CAGE CODE DRAWING NO                              |  |
|                                        |  | CUSTOMER DRAWING        | A100779C2057133                                        |  |
|                                        |  |                         | RESTRICTED TO                                          |  |
|                                        |  |                         | SCALE 4:1 SHEET 3 OF 5 REV C                           |  |

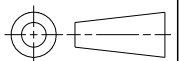
| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| AG  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      | -         |     | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |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



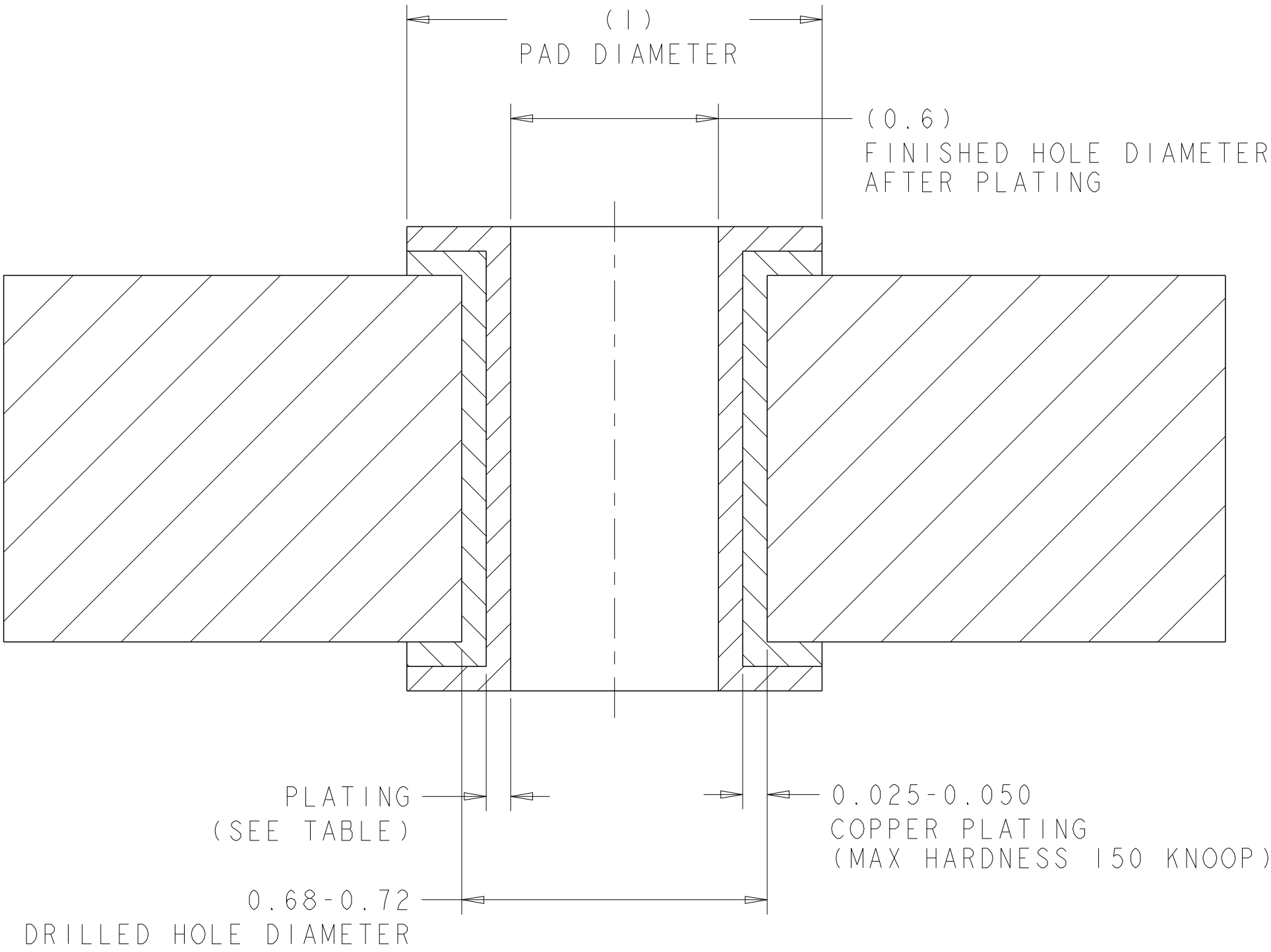
TOP PORT



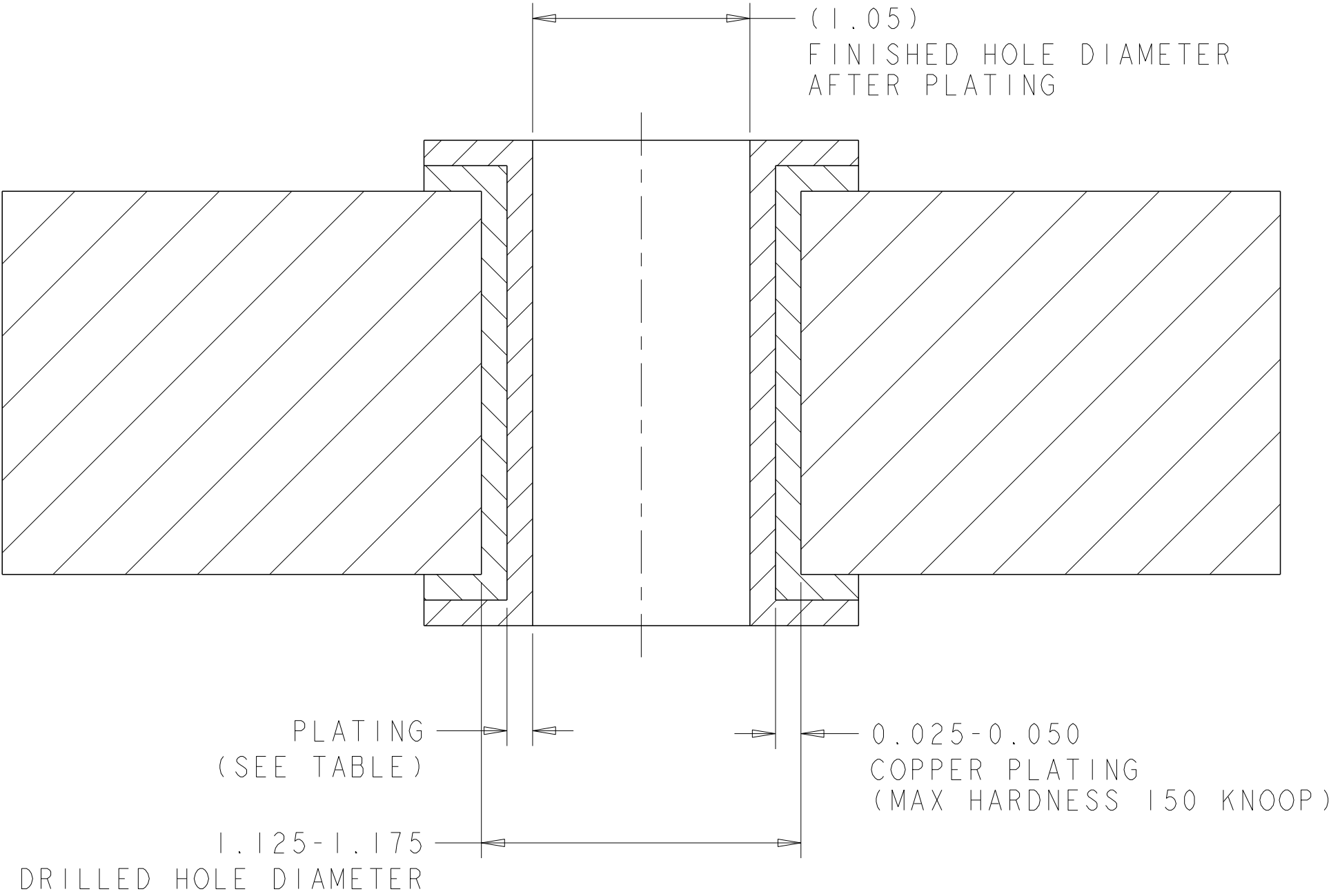
BOTTOM PORT

|                                                                                       |  |                                        |  |                  |          |           |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------|--|------------------|----------|-----------|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                        |  | DWN              | M. SHIRK | 09APR2008 |  TE Connectivity |  |
|                                                                                       |  |                                        |  | CWN              | R. HENRY | 09APR2008 |                                                                                                       |  |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD             | R. HENRY | 09APR2008 | NAME                                                                                                  |  |
| mm                                                                                    |  | 0 PLC ±                                |  | PRODUCT SPEC     |          | 108-2341  | RECEPTACLE ASSEMBLY, 2X8, NON MAGNETICS, RJ POINT FIVE                                                |  |
|  |  | 1 PLC ±0.25                            |  | APPLICATION SPEC |          | -         | -                                                                                                     |  |
| MATERIAL                                                                              |  | ANGLES ±                               |  | WEIGHT           |          | -         | SIZE                                                                                                  |  |
| -                                                                                     |  | FINISH                                 |  | CUSTOMER DRAWING |          | -         | CAGE CODE                                                                                             |  |
| -                                                                                     |  | -                                      |  | SCALE            |          | 4:1       | DRAWING NO.                                                                                           |  |
|                                                                                       |  |                                        |  |                  |          |           | A100779                                                                                               |  |
|                                                                                       |  |                                        |  |                  |          |           | SHEET                                                                                                 |  |
|                                                                                       |  |                                        |  |                  |          |           | 4                                                                                                     |  |
|                                                                                       |  |                                        |  |                  |          |           | OF                                                                                                    |  |
|                                                                                       |  |                                        |  |                  |          |           | 5                                                                                                     |  |
|                                                                                       |  |                                        |  |                  |          |           | REV                                                                                                   |  |
|                                                                                       |  |                                        |  |                  |          |           | C                                                                                                     |  |

| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| AG  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      |           | -   | SEE SHEET I | -    | -   | -    |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |



RECOMMENDED HOLE DIMENSIONS  
FOR SIGNAL CONTACTS



RECOMMENDED HOLE DIMENSIONS  
FOR SHIELD PINS

| THICKNESS                         | PLATING                                         |
|-----------------------------------|-------------------------------------------------|
| 0.004-0.010                       | HOT AIR SOLDER LEVELING (HASL) TIN-LEAD (Sn Pb) |
| 0.0005-0.001                      | IMMERSION TIN (Sn)                              |
| 0.0002-0.0005                     | ORGANIC SOLDERABILITY PRESERVATIVE (OSP)        |
| 0.0001-0.0005 Au, 0.004-0.0076 Ni | IMMERSION GOLD (Au) OVER NICKEL (Ni) (ENIG)     |
| 0.010-0.025                       | TIN LEAD PLATING (Sn Pb)                        |
| 0.0001-0.00015                    | IMMERSION SILVER (Ag)                           |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

M. SHIRK

09APR2008

CWN

R. HENRY

09APR2008

APVD

R. HENRY

09APR2008

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±

±0.25

±

±

±2°

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

±

±

±0.25

±

±

±2°

-

MATERIAL

-

-

PRODUCT SPEC

108-2341

APPLICATION SPEC

-

WEIGHT

-

-

CUSTOMER DRAWING

SCALE

4:1

SHEET

5

OF

5

REV

C

NAME

RECEPTACLE ASSEMBLY,  
2X8, NON MAGNETICS, RJ POINT FIVE

-

SIZE

CAGE CODE

DRAWING NO.

RESTRICTED TO

A1

00779

2057133

-

TE Connectivity

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