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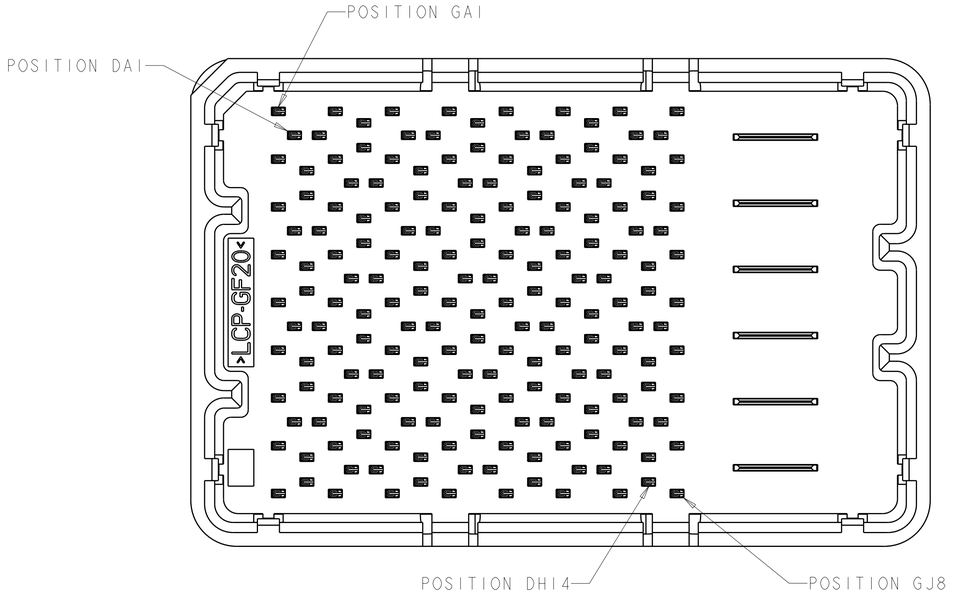
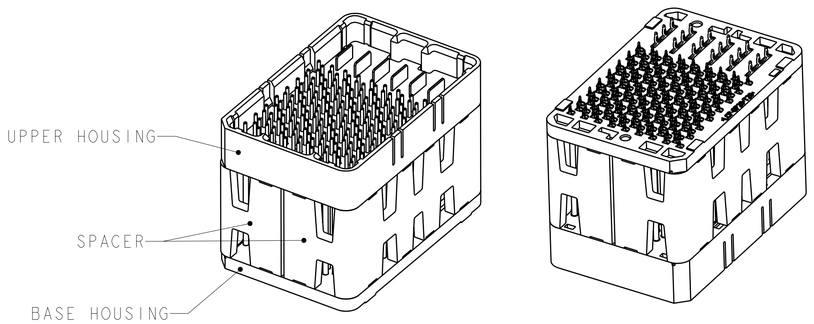
| LOC | DIST |
|---|---|
| GP | 00 |

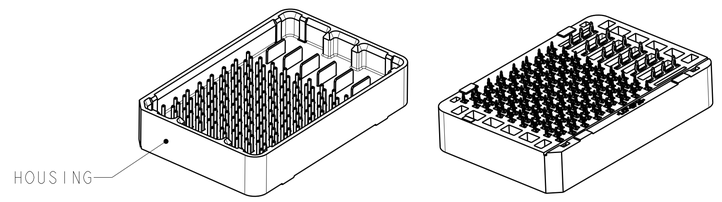
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | 11 | REVISED | 07DEC2010 | WS | MH |
| | 12 | REVISED | 01MAY2012 | REH | DT |

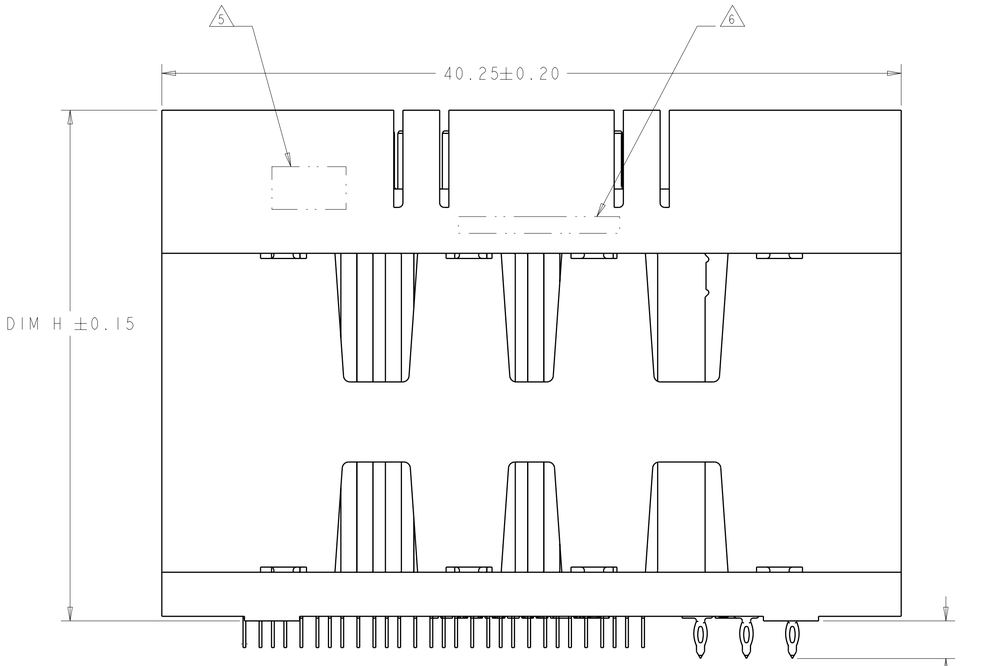


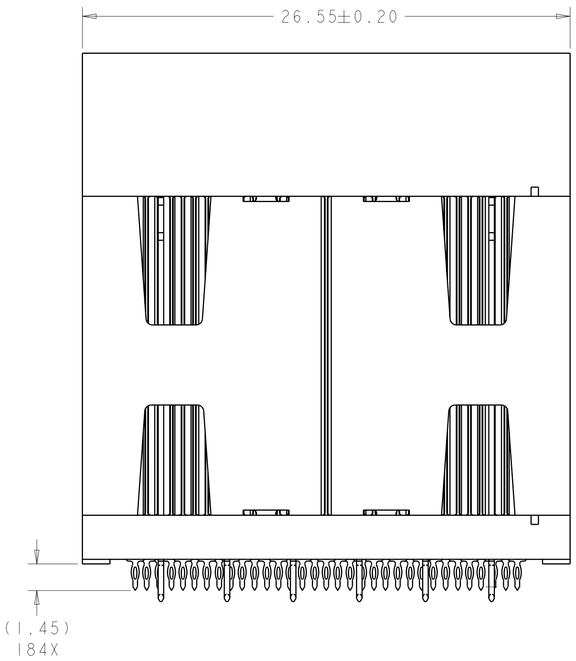




ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR 14mm THRU 42mm
28mm SHOWN
SCALE 2:1




ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR 8mm THRU 13mm
8mm SHOWN
SCALE 2:1




1. MATERIAL:
BASE HOUSING, UPPER HOUSING, ORGANIZER, AND SPACER: THERMOPLASTIC, FLAMMABILITY RATING UL94-V0
CONTACT: COPPER ALLOY

2. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPECIFICATION, 108-2375; BASED ON TELCORDIA GR-1217-CORE FOR SYSTEM QUALITY LEVEL III, APPLICATIONS IN CONTROLLED ENVIRONMENTS (CENTRAL OFFICE).
SEE TE PRODUCT SPECIFICATION 108-2375 FOR TEST SEQUENCES.

3. ROWS GA THRU GJ (SHOWN DARKENED) ARE TYPICALLY USED AS GROUNDS.

4. SPECIFIED POSITIONAL TOLERANCE DEFINES HOLE TO HOLE LOCATION WITHIN HOLE PATTERN. POSITIONAL TOLERANCE OF HOLE PATTERN TO FIDUCIAL MARKS OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER.

5. AREA RESERVED FOR TE CONNECTIVITY LOGO.

6. AREA RESERVED FOR PART NUMBER (X-XXXXXXX-X) AND DATE CODE (YYWW).

7. USE CENTERLINES INDICATED ON PCB HOLE PATTERN TO ESTABLISH ALIGNMENT BETWEEN HEADER AND RECEPTACLE BOARDS.

8. PLATED THROUGH HOLE REQUIREMENTS - SIGNAL:
HOLE SIZE PRIOR TO PLATING = Ø0.420±0.013
COPPER PLATING THICKNESS = 0.038±0.013
CALCULATED FINISHED HOLE SIZE = Ø0.344±0.039
THESE DIMENSIONS APPLY TO THE TOP 1.25mm OF THE PCB THICKNESS FROM THE CONNECTOR MOUNTING SIDE.

9. PLATED THROUGH HOLE REQUIREMENTS - POWER:
HOLE SIZE PRIOR TO PLATING = Ø0.700±0.025
COPPER PLATING THICKNESS = 0.038±0.013
CALCULATED FINISHED HOLE SIZE = Ø0.624±0.051
THESE DIMENSIONS APPLY TO THE TOP 1.50mm OF THE PCB THICKNESS FROM THE CONNECTOR MOUNTING SIDE.

10. CONTACT SALES FOR AVAILABILITY OF THIS STACK HEIGHT.

**SIZE 2 HOUSING ***
**56 DIFFERENTIAL PAIRS**
**184 TOTAL SIGNAL CONTACTS**
**6 POWER CONTACTS**

* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE

THIS PRODUCT HAS NOT COMPLETED VALIDATION AND QUALIFICATION TESTING

| | | | |
|---|---|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | DWN D.RINGLER 04SEP2008 | TE Connectivity | |
| DIMENSIONS: mm | CHK D.TROUT 04SEP2008 | NAME | HEADER ASSEMBLY 56/184/6P STRADA MESA MEZZANINE CONNECTOR |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±0.13 3 PLC ±0.013 4 PLC ± ANGLES ±1 | APVD J.FEDDER 04SEP2008 | PRODUCT SPEC 108-2375 | |
| MATERIAL - - | FINISH - - | APPLICATION SPEC 114-13249 | SIZE A1 CAGE CODE 00779 DRAWING NO C-2057460 RESTRICTED TO - |
| | | WEIGHT - | CUSTOMER DRAWING SCALE 6:1 SHEET 1 OF 4 REV 12 |

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| GP | 00 |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| TOOLED | DIM H | STACK HEIGHT | CONTACT TAIL PLATING | PART NUMBER |
|---|---|---|---|---|
| 10 | 41.8 | 42mm | MATTE Sn | 9-2057460-2 |
| 10 | 40.8 | 41mm | MATTE Sn | 9-2057460-1 |
| YES | 39.8 | 40mm | MATTE Sn | 9-2057460-0 |
| 10 | 38.8 | 39mm | MATTE Sn | 8-2057460-9 |
| 10 | 37.8 | 38mm | MATTE Sn | 8-2057460-8 |
| 10 | 36.8 | 37mm | MATTE Sn | 8-2057460-7 |
| 10 | 35.8 | 36mm | MATTE Sn | 8-2057460-6 |
| 10 | 34.8 | 35mm | MATTE Sn | 8-2057460-5 |
| 10 | 33.8 | 34mm | MATTE Sn | 8-2057460-4 |
| 10 | 32.8 | 33mm | MATTE Sn | 8-2057460-3 |
| 10 | 31.8 | 32mm | MATTE Sn | 8-2057460-2 |
| 10 | 30.8 | 31mm | MATTE Sn | 8-2057460-1 |
| 10 | 29.8 | 30mm | MATTE Sn | 8-2057460-0 |
| 10 | 28.8 | 29mm | MATTE Sn | 7-2057460-9 |
| YES | 27.8 | 28mm | MATTE Sn | 7-2057460-8 |
| 10 | 26.8 | 27mm | MATTE Sn | 7-2057460-7 |
| 10 | 25.8 | 26mm | MATTE Sn | 7-2057460-6 |
| 10 | 24.8 | 25mm | MATTE Sn | 7-2057460-5 |
| 10 | 23.8 | 24mm | MATTE Sn | 7-2057460-4 |
| YES | 22.8 | 23mm | MATTE Sn | 7-2057460-3 |
| 10 | 21.8 | 22mm | MATTE Sn | 7-2057460-2 |
| 10 | 20.8 | 21mm | MATTE Sn | 7-2057460-1 |
| 10 | 19.8 | 20mm | MATTE Sn | 7-2057460-0 |
| 10 | 18.8 | 19mm | MATTE Sn | 6-2057460-9 |
| 10 | 17.8 | 18mm | MATTE Sn | 6-2057460-8 |
| 10 | 16.8 | 17mm | MATTE Sn | 6-2057460-7 |
| 10 | 15.8 | 16mm | MATTE Sn | 6-2057460-6 |
| 10 | 14.8 | 15mm | MATTE Sn | 6-2057460-5 |
| 10 | 13.8 | 14mm | MATTE Sn | 6-2057460-4 |
| 10 | 12.8 | 13mm | MATTE Sn | 6-2057460-3 |
| 10 | 11.8 | 12mm | MATTE Sn | 6-2057460-2 |
| 10 | 10.8 | 11mm | MATTE Sn | 6-2057460-1 |
| YES | 9.8 | 10mm | MATTE Sn | 6-2057460-0 |
| YES | 8.8 | 9mm | MATTE Sn | 5-2057460-9 |
| YES | 7.8 | 8mm | MATTE Sn | 5-2057460-8 |

| TOOLED | DIM H | STACK HEIGHT | CONTACT TAIL PLATING | PART NUMBER |
|---|---|---|---|---|
| 10 | 41.8 | 42mm | Sn/Pb | 4-2057460-2 |
| 10 | 40.8 | 41mm | Sn/Pb | 4-2057460-1 |
| YES | 39.8 | 40mm | Sn/Pb | 4-2057460-0 |
| 10 | 38.8 | 39mm | Sn/Pb | 3-2057460-9 |
| 10 | 37.8 | 38mm | Sn/Pb | 3-2057460-8 |
| 10 | 36.8 | 37mm | Sn/Pb | 3-2057460-7 |
| 10 | 35.8 | 36mm | Sn/Pb | 3-2057460-6 |
| 10 | 34.8 | 35mm | Sn/Pb | 3-2057460-5 |
| 10 | 33.8 | 34mm | Sn/Pb | 3-2057460-4 |
| 10 | 32.8 | 33mm | Sn/Pb | 3-2057460-3 |
| 10 | 31.8 | 32mm | Sn/Pb | 3-2057460-2 |
| 10 | 30.8 | 31mm | Sn/Pb | 3-2057460-1 |
| 10 | 29.8 | 30mm | Sn/Pb | 3-2057460-0 |
| 10 | 28.8 | 29mm | Sn/Pb | 2-2057460-9 |
| YES | 27.8 | 28mm | Sn/Pb | 2-2057460-8 |
| 10 | 26.8 | 27mm | Sn/Pb | 2-2057460-7 |
| 10 | 25.8 | 26mm | Sn/Pb | 2-2057460-6 |
| 10 | 24.8 | 25mm | Sn/Pb | 2-2057460-5 |
| 10 | 23.8 | 24mm | Sn/Pb | 2-2057460-4 |
| YES | 22.8 | 23mm | Sn/Pb | 2-2057460-3 |
| 10 | 21.8 | 22mm | Sn/Pb | 2-2057460-2 |
| 10 | 20.8 | 21mm | Sn/Pb | 2-2057460-1 |
| 10 | 19.8 | 20mm | Sn/Pb | 2-2057460-0 |
| 10 | 18.8 | 19mm | Sn/Pb | 1-2057460-9 |
| 10 | 17.8 | 18mm | Sn/Pb | 1-2057460-8 |
| 10 | 16.8 | 17mm | Sn/Pb | 1-2057460-7 |
| 10 | 15.8 | 16mm | Sn/Pb | 1-2057460-6 |
| 10 | 14.8 | 15mm | Sn/Pb | 1-2057460-5 |
| 10 | 13.8 | 14mm | Sn/Pb | 1-2057460-4 |
| 10 | 12.8 | 13mm | Sn/Pb | 1-2057460-3 |
| 10 | 11.8 | 12mm | Sn/Pb | 1-2057460-2 |
| 10 | 10.8 | 11mm | Sn/Pb | 1-2057460-1 |
| YES | 9.8 | 10mm | Sn/Pb | 1-2057340-0 |
| YES | 8.8 | 9mm | Sn/Pb | 2057460-9 |
| YES | 7.8 | 8mm | Sn/Pb | 2057460-8 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±-
ANGLES ±1

MATERIAL - -
FINISH - -

DWN D RINGLER 04SEP2008
CHK D TROUT 04SEP2008
APVD J FEDDER 04SEP2008
PRODUCT SPEC 108-2375
APPLICATION SPEC 114-13249
WEIGHT -

TE Connectivity

NAME
HEADER ASSEMBLY
56/184/6P
STRADA MESA MEZZANINE CONNECTOR

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-2057460 | - |

CUSTOMER DRAWING | SCALE 6:1 | SHEET 2 OF 4 | REV 12

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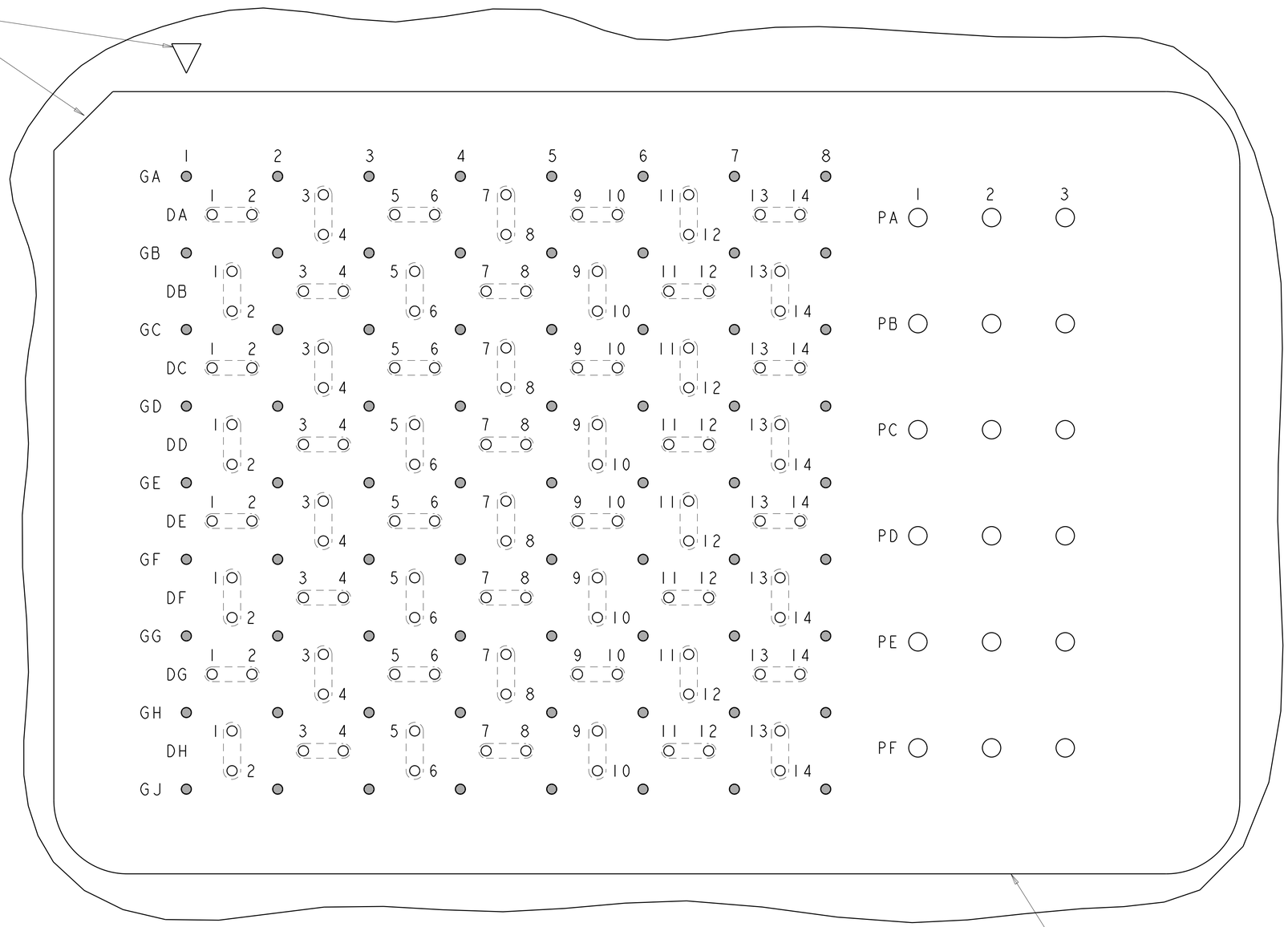
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

A1 CORNER INDICATORS.




MATED CONNECTOR OUTLINE
SEE SHEET 4 FOR LOCATION TO HOLES

## PCB LAYOUT AND PIN IDENTIFICATION △3

SHOWN FROM CONNECTOR SIDE
SCALE 12:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±-
ANGLES ±1

MATERIAL -
FINISH -

DWN D RINGLER 04SEP2008
CHK D TROUT 04SEP2008
APVD J FEDDER 04SEP2008
PRODUCT SPEC 108-2375
APPLICATION SPEC 114-13249
WEIGHT -

TE Connectivity

NAME
HEADER ASSEMBLY
56/184/6P
STRADA MESA MEZZANINE CONNECTOR

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-2057460 | - |

CUSTOMER DRAWING

| SCALE | SHEET | REV |
|---|---|---|
| 6:1 | 3 OF 4 | 12 |

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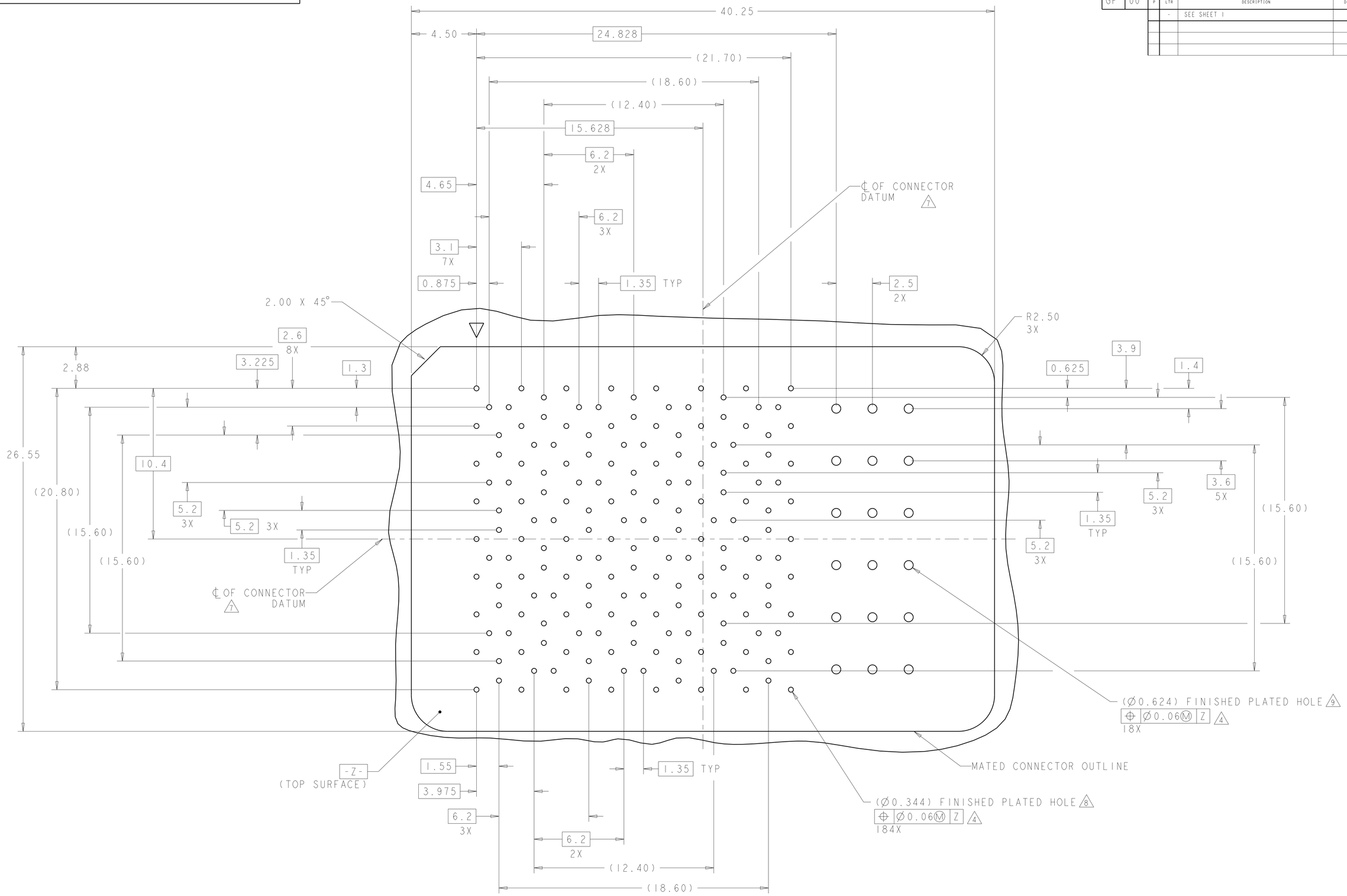
| LOC | DIST |
|---|---|
| GP | 00 |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |




# PCB HOLE PATTERN

SHOWN FROM CONNECTOR SIDE

SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±-
ANGLES ±1

MATERIAL - -

FINISH - -

| | |
|---|---|
| DWN D RINGLER | 04SEP2008 |
| CHK D TROUT | 04SEP2008 |
| APVD J FEDDER | 04SEP2008 |
| PRODUCT SPEC | 108-2375 |
| APPLICATION SPEC | 114-13249 |
| WEIGHT - | |

TE Connectivity

NAME HEADER ASSEMBLY 56/184/6P STRADA MESA MEZZANINE CONNECTOR

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-2057460 | - |

CUSTOMER DRAWING | SCALE 6:1 | SHEET 4 OF 4 | REV 12

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

**Данный компонент на территории Российской Федерации**

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Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

**Офис по работе с юридическими лицами:**

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

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