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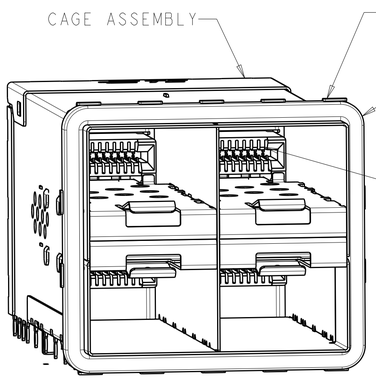
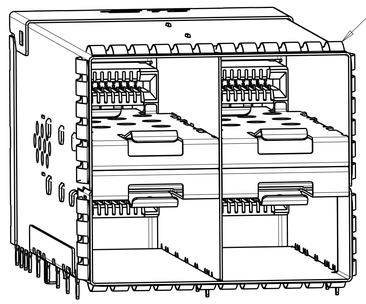
| LOC | DIST |
|---|---|
| GP | 00 |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A | RELEASED PER ECO-14-008758 | 13JUN2014 | CJV | PAR |
| | B | REVISED PER ECO-15-010819 | 10AUG2015 | PP | SH |




2198325-1
SCALE 3:1




2198325-5
SCALE 3:1

1. MATERIALS:
   CAGE ASSEMBLY - NICKEL-SILVER ALLOY PER ASTM B 122
   CONNECTOR HOUSING - LCP, BLACK, UL 94V-0 RATED
   CONNECTOR HOUSING SHIELD - COPPER ALLOY
   CHICKLET - LCP, BLACK, UL 94V-0 RATED
   CHICKLET ALIGNMENT CLIP - PBT
   CONTACT - COPPER ALLOY
   EMI GASKET - ELASTOMERIC
   GASKET FLANGE - STAINLESS STEEL
   EMI SPRINGS - PHOSPHOR BRONZE PER ASTM B 103,
   0.8µm MIN TIN PER ASTM B 545
   LIGHT PIPE - POLYCARBONATE
   LIGHT PIPE HOUSING - ZINC ALLOY

2. CONTACT FINISH:
   CONFORMS TO THE REQUIREMENTS OF PRODUCT SPECIFICATION 108-2481, BASED ON EIA/ECA-364-1000.01A, CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN ON NEEDLE EYE

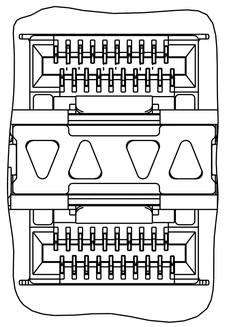
3. PCB MINIMUM THICKNESS = 1.5mm

△4 FOR HOLE SIZE AND PLATINGS, SEE APPLICATION SPECIFICATION 114-13319

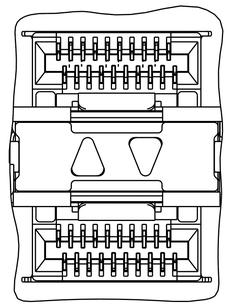
△5 LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE LED PACKAGE WITH A HEIGHT OF 0.8mm

△6 DIMENSIONS APPLY FOR EMI SPRINGS ONLY

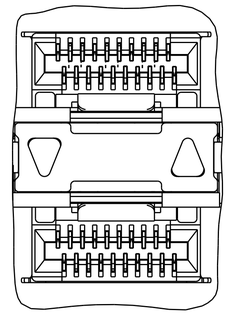
△7 THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN



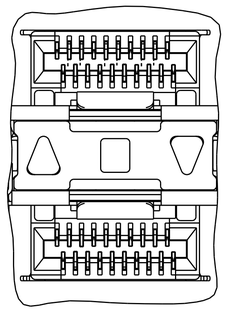
INNER/OUTER LIGHT PIPES
2198325-2, 2198325-6
SCALE 5:1



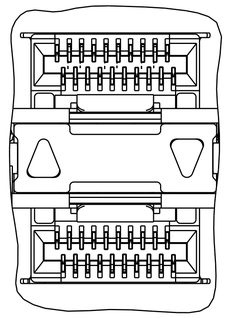
INNER LIGHT PIPES
2198325-3, 2198325-7
SCALE 5:1



OUTER LIGHT PIPES
2198325-4, 2198325-8
SCALE 5:1



CENTER/REVERSED OUTER LIGHT PIPES
1-2198325-7, 1-2198325-9
SCALE 5:1



REVERSED OUTER LIGHT PIPES
1-2198325-8, 2-2198325-0
SCALE 5:1

| | | | |
|---|---|---|---|
| 31 | EMI SPRINGS | CENTER/REVERSE OUTER | 3-2198325-2 |
| 31 | EMI SPRINGS | CENTER/REVERSE OUTER | 3-2198325-1 |
| 31 | EMI SPRINGS | NONE | 3-2198325-0 |
| 31 | EMI SPRINGS | REVERSED OUTER | 2-2198325-0 |
| | | CENTER/REVERSED OUTER | 1-2198325-9 |
| 33.75 | EMI GASKET | REVERSED OUTER | 1-2198325-8 |
| | | CENTER/REVERSED OUTER | 1-2198325-7 |
| 31 | EMI SPRINGS | OUTER | 2198325-8 |
| | | INNER | 2198325-7 |
| | | INNER/OUTER | 2198325-6 |
| | | NONE | 2198325-5 |
| 33.75 | EMI GASKET | OUTER | 2198325-4 |
| | | INNER | 2198325-3 |
| | | INNER/OUTER | 2198325-2 |
| | | NONE | 2198325-1 |
| (E) | CAGE TYPE | LIGHT PIPE CONFIGURATION | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL SEE NOTES
FINISH SEE NOTES

DWN M.E. COWHER 06OCT2011
CHK M.D. MORRISON 06OCT2011
APVD M.D. MORRISON 07OCT2011
PRODUCT SPEC 108-2481
APPLICATION SPEC 114-13319
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+
-

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-2198325 | - |

Customer Drawing | SCALE 4:1 | SHEET 1 OF 6 | REV B1

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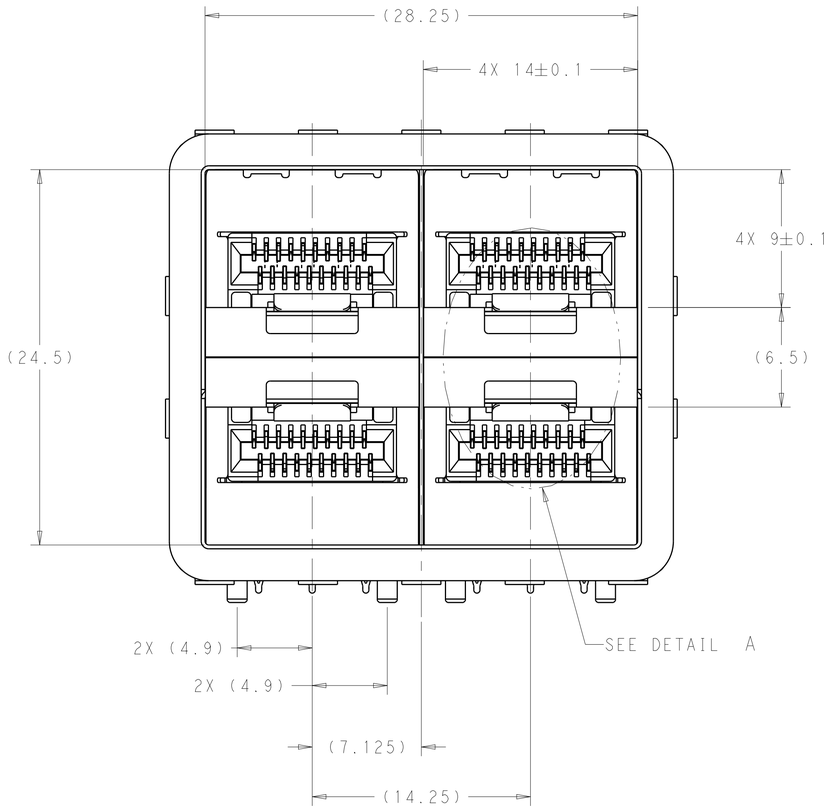
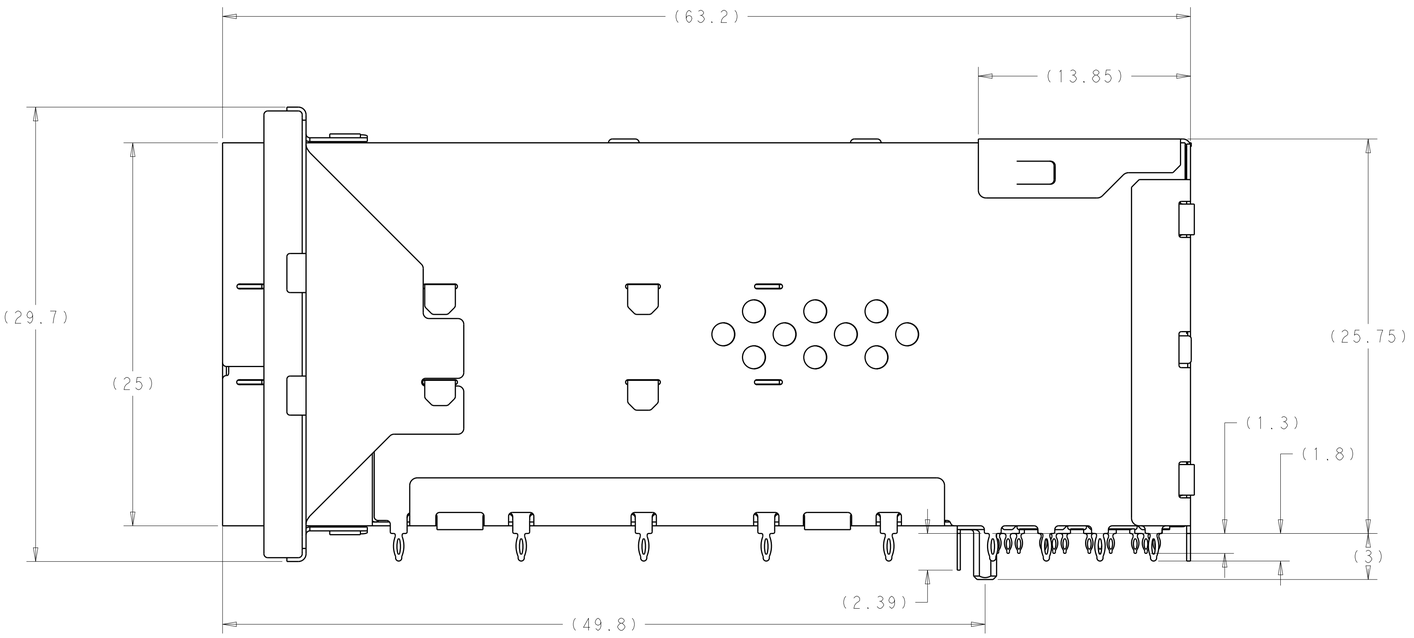
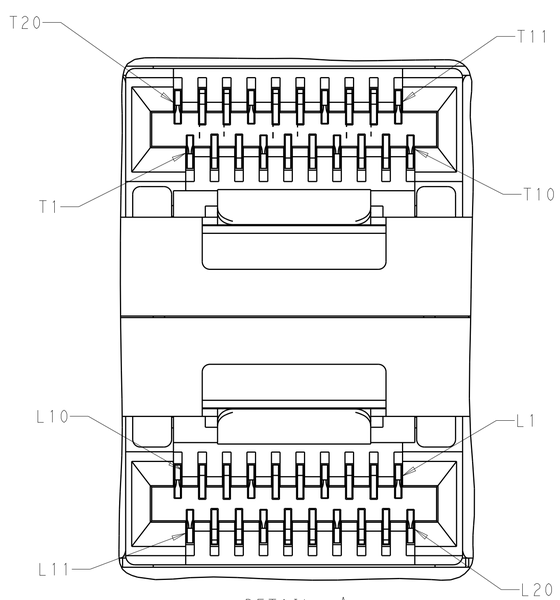
| GP | 00 |

REVISIONS

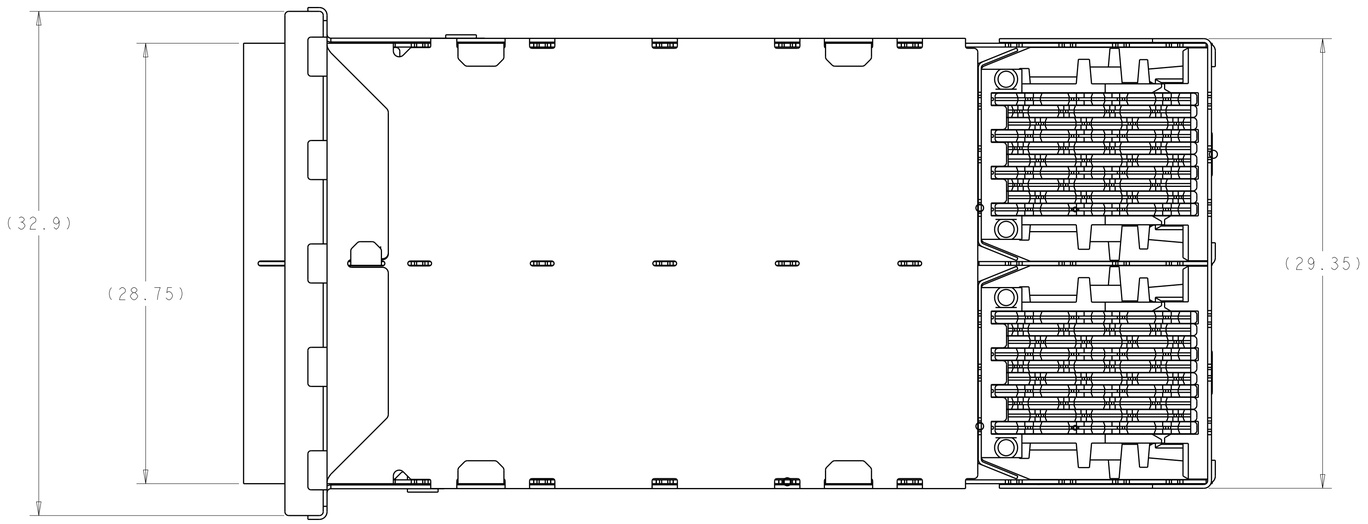
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |




DETAIL A
2 PLACES
SCALE 10:1




| | | | |
|---|---|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN M.E. COWHER 06OCT2011 | TE Connectivity |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±- | CHK M.D. MORRISON 06OCT2011 | NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+ - |
| | | APVD M.D. MORRISON 07OCT2011 | |
| | | PRODUCT SPEC 108-2481 | |
| | | APPLICATION SPEC 114-13319 | SIZE A1 / CAGE CODE 00779 / DRAWING NO C-2198325 / RESTRICTED TO - |
| MATERIAL SEE NOTES | FINISH SEE NOTES | WEIGHT - | |
| | | Customer Drawing | SCALE 5:1 / SHEET 2 OF 6 / REV B1 |

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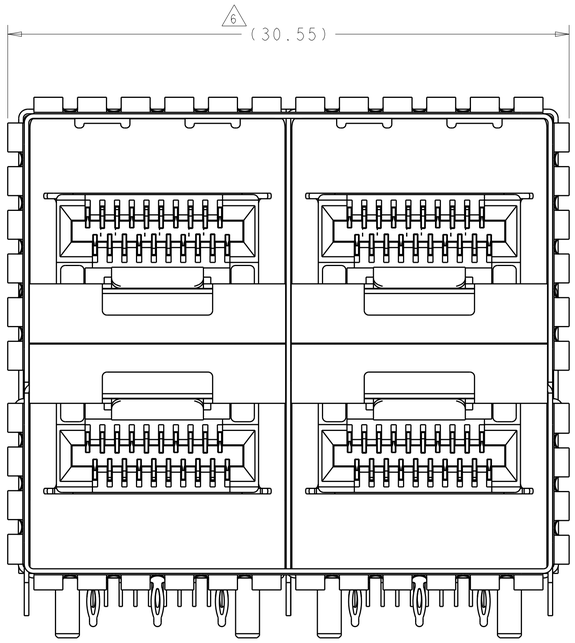
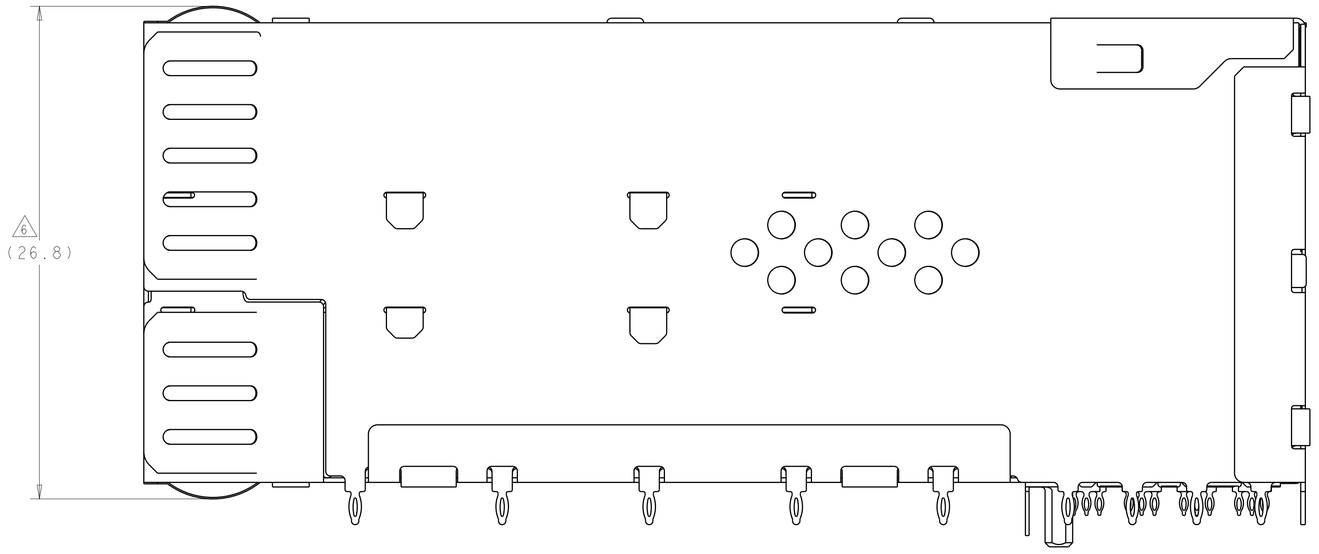
REVISIONS

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




2198325-5 THRU 2198325-8, 1-2198325-9, 2-2198325-0
EMI SPRINGS ONLY
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL SEE NOTES

FINISH SEE NOTES

DWN M.E. COWHER 06OCT2011
CHK M.D. MORRISON 06OCT2011
APVD M.D. MORRISON 07OCT2011

PRODUCT SPEC 108-2481
APPLICATION SPEC 114-13319
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+
-

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-2198325 | - |

Customer Drawing

SCALE 4:1 SHEET 3 OF 6 REV B1

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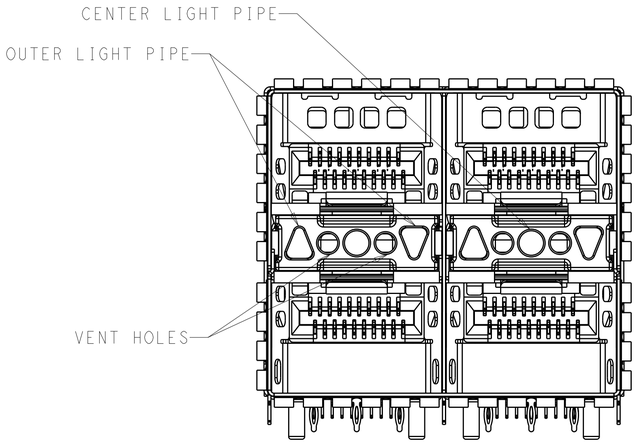
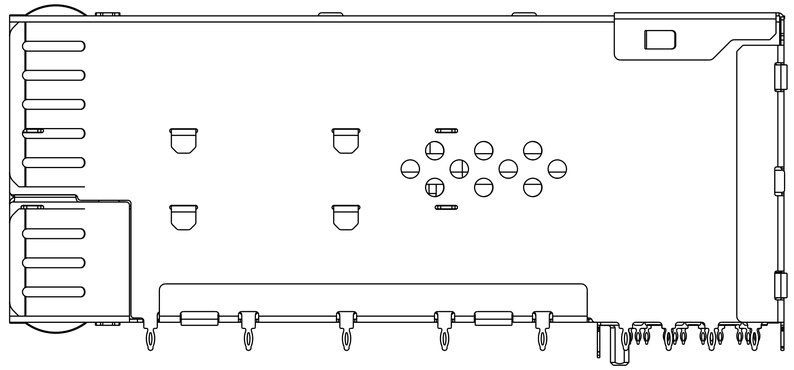
REVISIONS

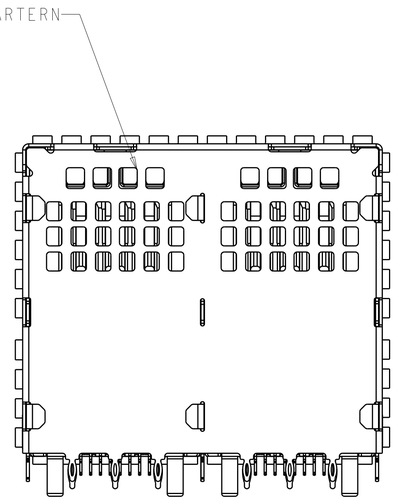
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

# 3-2198325-2 AIR FLOW ENHANCE VERSION
# UNMARKED DIMENSION SAME AS 2198325-5




SCALE 4:1






| | | | |
|---|---|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN M.E. COWHER 06OCT2011 | TE Connectivity |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±- | CHK M.D. MORRISON 06OCT2011 | NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+ - |
| | | APVD M.D. MORRISON 07OCT2011 | |
| | | PRODUCT SPEC 108-2481 | |
| | | APPLICATION SPEC 114-13319 | SIZE A1 · CAGE CODE 00779 · DRAWING NO C-2198325 · RESTRICTED TO - |
| MATERIAL SEE NOTES | FINISH SEE NOTES | WEIGHT - | Customer Drawing · SCALE 4:1 · SHEET 4 OF 6 · REV B1 |

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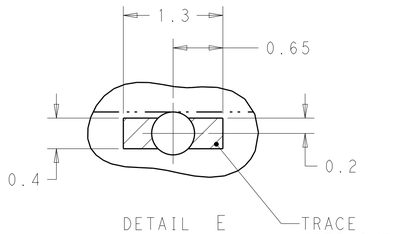
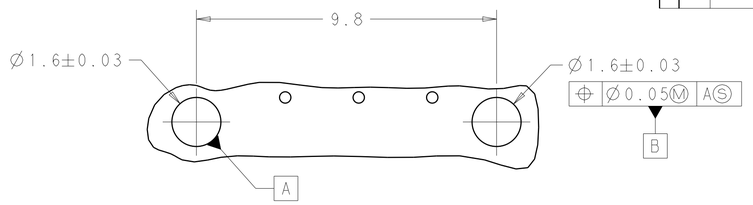
|---|---|
| GP | 00 |

REVISIONS

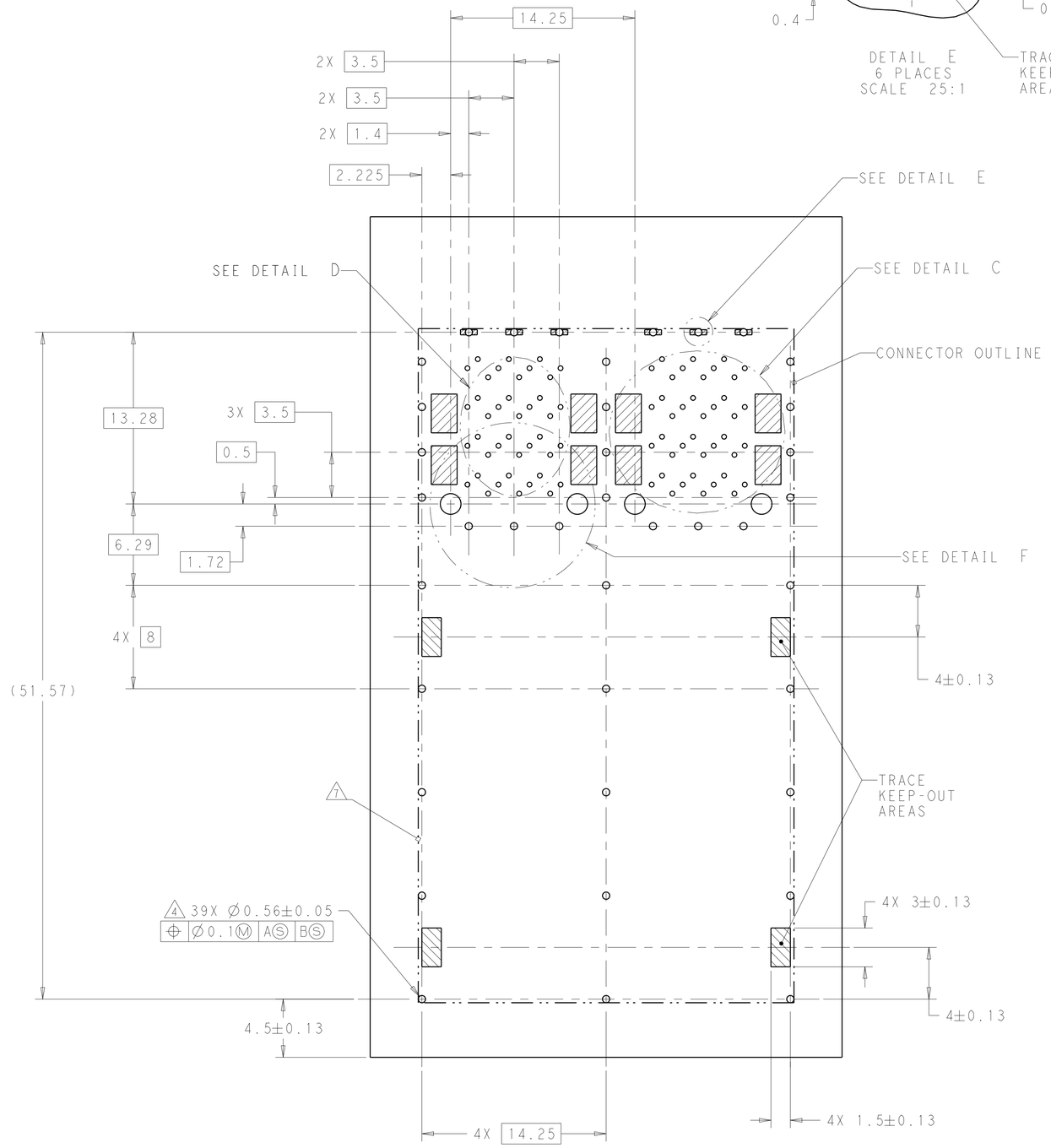
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |



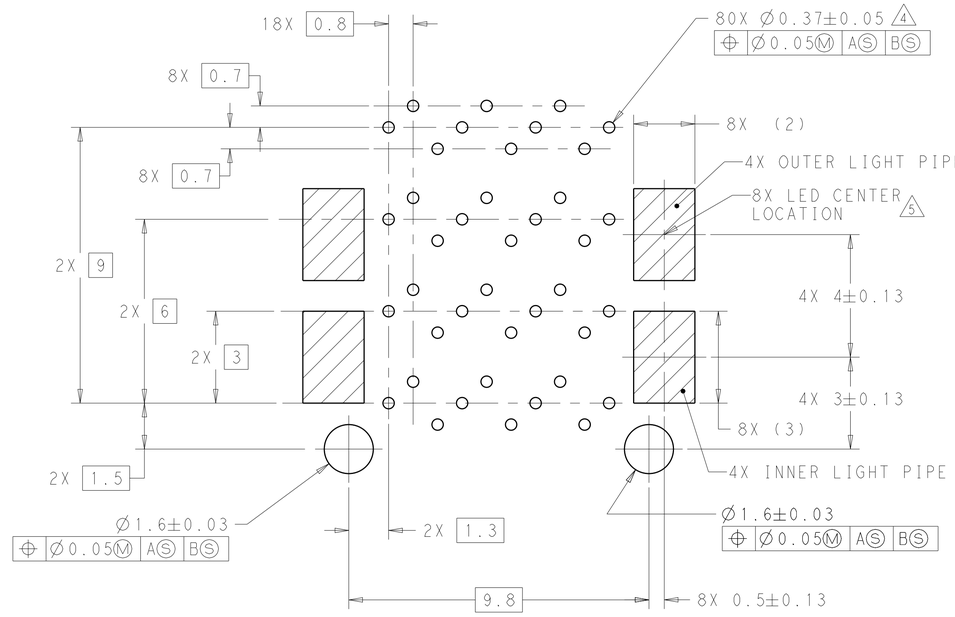

DETAIL E
6 PLACES
SCALE 25:1




DETAIL F
SCALE 10:1




RECOMMENDED PCB LAYOUT
SCALE 5:1




DETAIL C
RECOMMENDED PIN AND LIGHT PIPE LAYOUT
SCALE 10:1

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DIMENSIONS: mm

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

MATERIAL SEE NOTES
FINISH SEE NOTES

DWN M.E. COWHER 06OCT2011
CHK M.D. MORRISON 06OCT2011
APVD M.D. MORRISON 07OCT2011
PRODUCT SPEC 108-2481
APPLICATION SPEC 114-13319
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+
-

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-2198325 | - |

Customer Drawing | SCALE 4:1 | SHEET 5 OF 6 | REV B1

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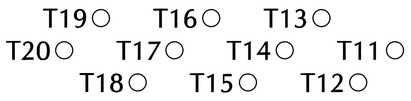
| GP | 00 |

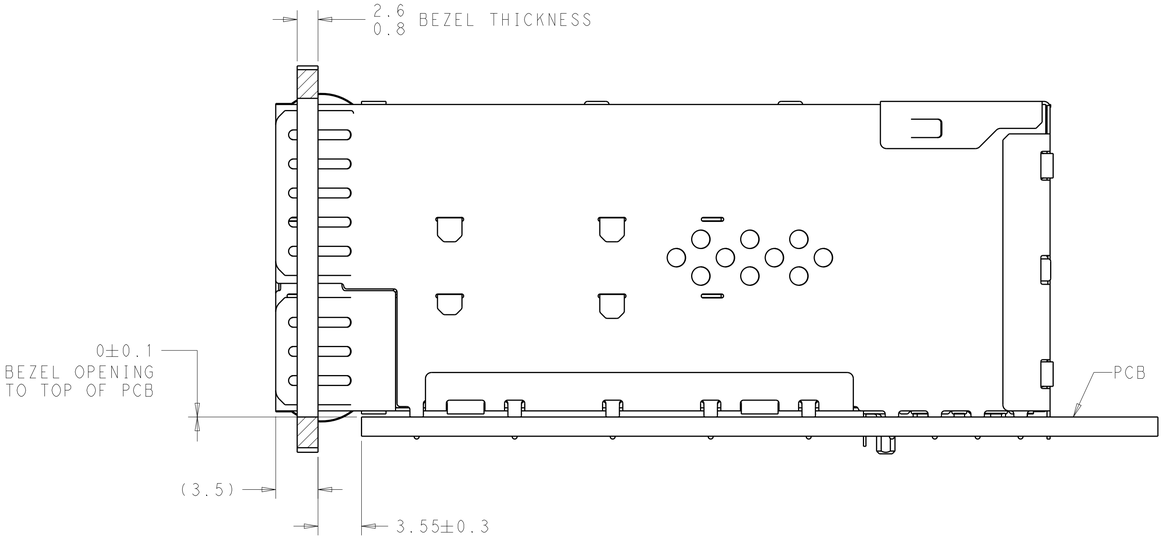
REVISIONS

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

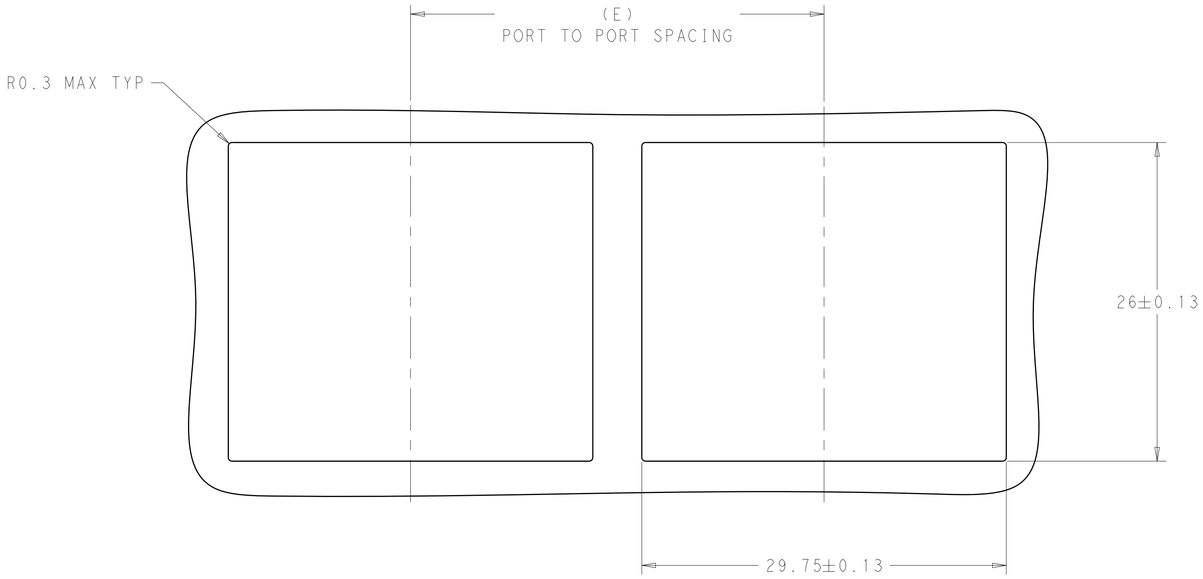



| PIN MAP LEGEND | |
|---|---|
| PIN NUMBER | FUNCTION |
| L1/T1 | VEET |
| L2/T2 | TX-FAULT |
| L3/T3 | TX-DISABLE |
| L4/T4 | SDA |
| L5/T5 | SCL |
| L6/T6 | MOD_ABS |
| L7/T7 | RSO |
| L8/T8 | RX_LOS |
| L9/T9 | RS1 |
| L10/T10 | VEER |
| L11/T11 | VEER |
| L12/T12 | RD- |
| L13/T13 | RD+ |
| L14/T14 | VEER |
| L15/T15 | VCCR |
| L16/T16 | VCCT |
| L17/T17 | VEET |
| L18/T18 | TD+ |
| L19/T19 | TD- |
| L20/T20 | VEET |

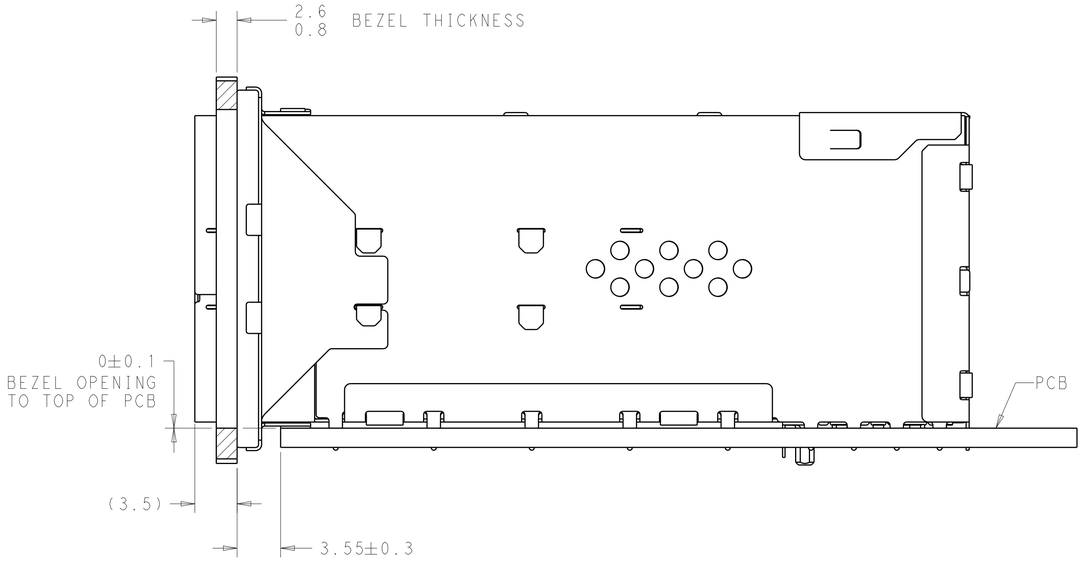
DETAIL D
PIN MAP
2 PLACES
SCALE 15:1




RECOMMENDED BEZEL LOCATION WITH EMI SPRINGS
SCALE 4:1




RECOMMENDED BEZEL CUT-OUT DETAIL
SCALE 4:1




RECOMMENDED BEZEL LOCATION WITH EMI GASKET
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL SEE NOTES
FINISH SEE NOTES

DWN M.E. COWHER 06OCT2011
CHK M.D. MORRISON 06OCT2011
APVD M.D. MORRISON 07OCT2011

PRODUCT SPEC 108-2481
APPLICATION SPEC 114-13319
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+
-

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-2198325 | - |

Customer Drawing | SCALE 4:1 | SHEET 6 OF 6 | REV B1

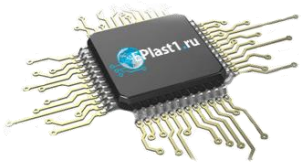
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.




**Как с нами связаться**

**Телефон:** 8 (812) 309 58 32 (многоканальный)
**Факс:** 8 (812) 320-02-42
**Электронная почта:** org@eplast1.ru
**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.