

| REVISIONS | | | | |
|-----------|-----|------------------------|------------|----------|
| REV. | ECN | DESCRIPTION | DATE | APPROVED |
| A | | INITIAL RELEASE | 02/12/2014 | J. SI |
| B | | UPDATE PLATING OPTIONS | JUN 25/14 | J.SI |
| C | | UPDATE NOTES | AUG 19/14 | J.SI |

AMPHENOL PART NUMBER CONFIGURATION
UE86-3G6420-XOX61

LIGHT PIPE OPTION

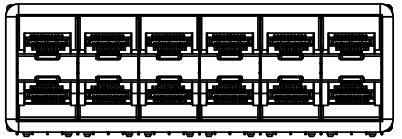
- 0 - NO LIGHT PIPE
- 1 - 4 LP PER 2X1, NORMAL ORIENTATION
- 2 - 2 INNER LP PER 2X1, NORMAL ORIENTATION
- 3 - 2 OUTER LP PER 2X1, NORMAL ORIENTATION
- 4 - 4 LP PER 2X1, REVERSING ORIENTATION
- 5 - 2 INNER LP PER 2X1, REVERSING ORIENTATION
- 6 - 2 OUTER LP PER 2X1, REVERSING ORIENTATION
- 7 - 3 LP PER 2X1, 2 OUTER LP, NORMAL ORIENTATION
- 8 - 3 LP PER 2X1, 2 OUTER LP, REVERSING ORIENTATION

PACKAGING

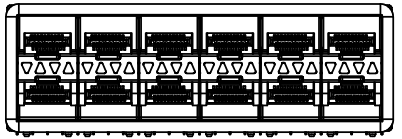
- T - TRAY PACKAGING (STACKED)

PLATING OPTIONS FOR CONNECTOR

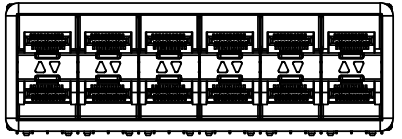
- 2 - 30µ" GOLD PLATING ON MATING AREA
- 15 - 100µ" MATTE TIN ON TERMINATION
- 3 - 30µ" GOLD PLATING ON MATING AREA
- 150 - 300µ" MATTE TIN ON TERMINATION
- 5 - 15µ" GOLD PLATING ON MATING AREA
- 15 - 100µ" MATTE TIN ON TERMINATION
- 6 - 15µ" GOLD PLATING ON MATING AREA
- 150 - 300µ" MATTE TIN ON TERMINATION



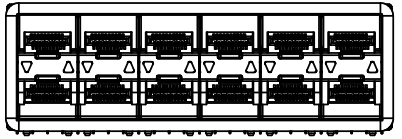
NO LIGHT PIPES
 UE86-3G6420-00361



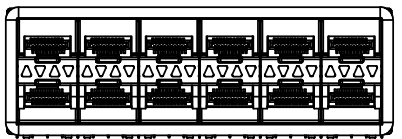
4 LIGHT PIPES
 UE86-3G6420-10361



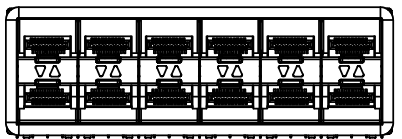
2 INNER LIGHT PIPES
 UE86-3G6420-20361



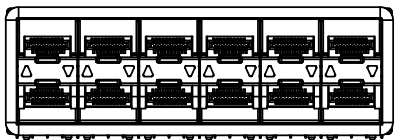
2 OUTER LIGHT PIPES
 UE86-3G6420-30361



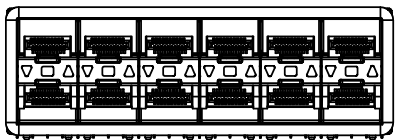
4 LIGHT PIPES UPSIDE DOWN
 UE86-3G6420-40361



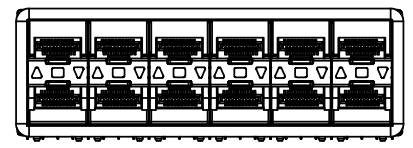
2 INNER LIGHT PIPES UPSIDE DOWN
 UE86-3G6420-50361



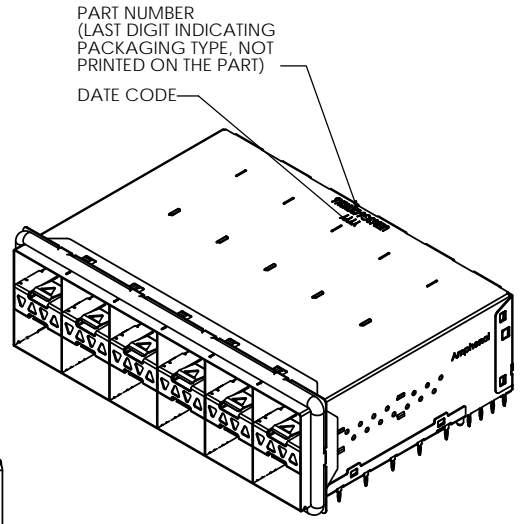
2 OUTER LIGHT PIPES UPSIDE DOWN
 UE86-3G6420-60361



3 LIGHT PIPES
 UE86-3G6420-70361



3 LIGHT PIPES UPSIDE DOWN
 UE86-3G6420-80361



PART NUMBER
 (LAST DIGIT INDICATING
 PACKAGING TYPE, NOT
 PRINTED ON THE PART)
 DATE CODE

MATERIAL: (RoHS COMPLIANT)

1. CAGE - PRESS FIT: COPPER ALLOY (NICKEL SILVER)
2. CONNECTOR - PRESS FIT:
 - PLASTIC HOUSING: LCP, FLAMMABILITY RATING UL94-V0
 - CONTACTS: PHOSPHOR BRONZE
3. LIGHT PIPE: CLEAR POLYCARBONATE, FLAMMABILITY RATING UL94-V0
4. PACKAGING: TRAY PACKAGING
5. TEMPERATURE RANGE: -40°C TO +85°C
6. EMI GASKET: CONDUCTIVE ELASTOMER UL94-V0



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|-------------------------------|------------------------|------------|-----------|
| UNLESS SPECIFIED OTHERWISE | DRAWN | P. OU | FEB10/14 |
| DIMENSIONS ARE IN MILLIMETERS | CHECKED | J. SI | FEB 12/14 |
| REFERENCE IN PARENTHESES | M.E. APP'D | | |
| GENERAL TOLERANCES | Q.A. APP'D | | |
| 1 DECIMAL PLACE ±0.25 | DWG APP'D | J. SI | FEB 12/14 |
| 2 DECIMAL PLACE ±0.15 | MATERIAL AND FINISH | SEE NOTES | |
| 3 DECIMAL PLACE N/A | REF. | ECN Exxxxx | |
| ANGULAR DEGREES ±1° | THIRD ANGLE PROJECTION | | |
| ENG. REL. NO. | | | |

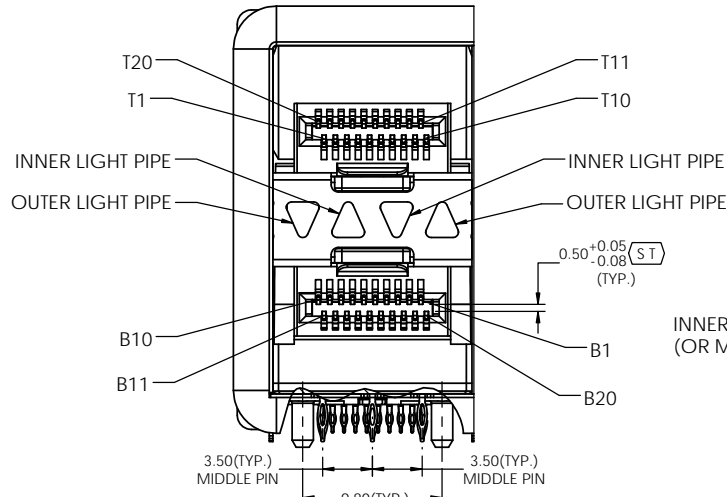
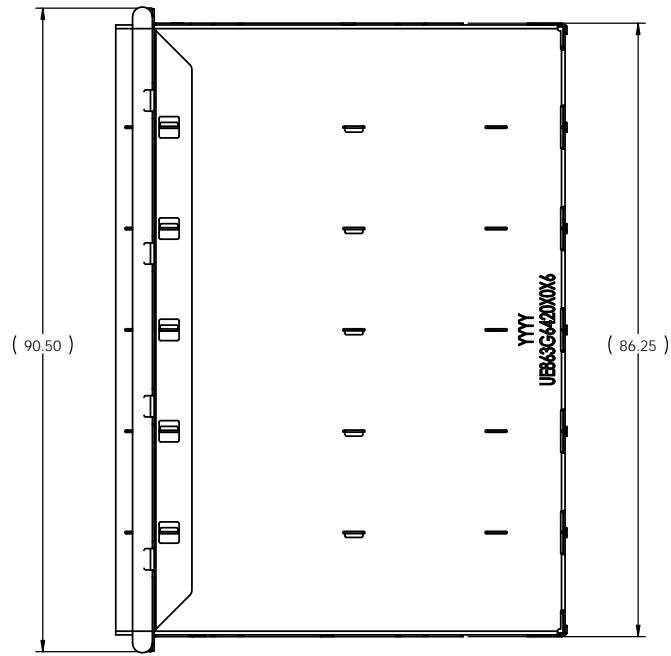
Amphenol High Speed Interconnects
 A Division of Amphenol Corp. www.amphenolcanada.com

2X6 SFP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMI GASKET VERSION

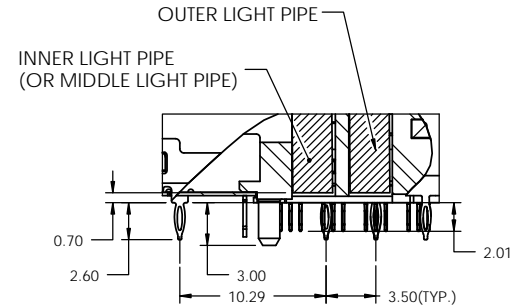
| | | | |
|-------------|---------------------|--------------|----|
| DWG. NO. | P-UE86-3G6420-XOX61 | REV | C |
| CODE ID NO. | 03554 | DWG SIZE: | A4 |
| SCALE: | 2:3 | SHEET 1 OF 5 | |

REVISIONS

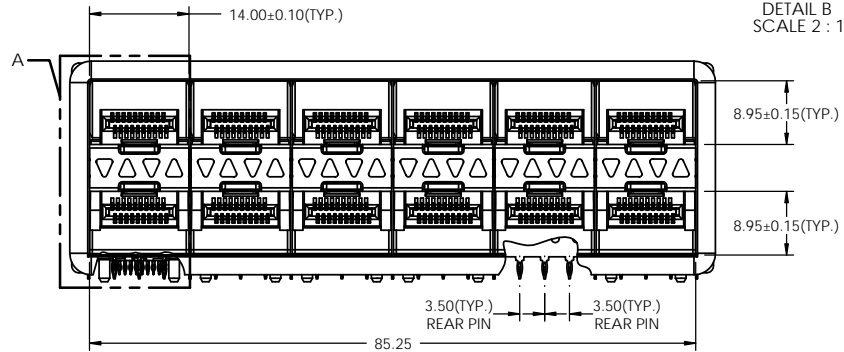
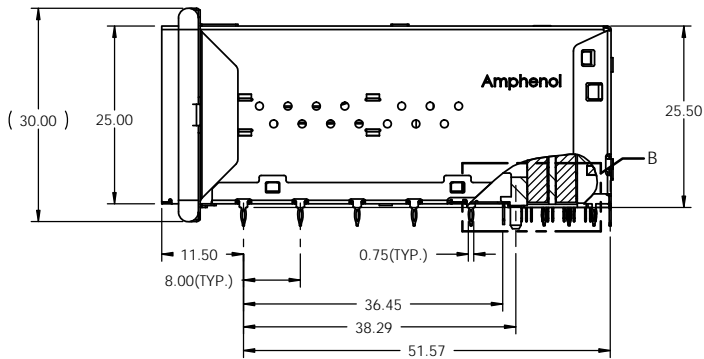
| REV. | ECN | DESCRIPTION | DATE | APPROVED |
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DETAIL A
SCALE 2 : 1



DETAIL B
SCALE 2 : 1



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| GENERAL TOLERANCES | Q.A. APP'D | | |
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| 2 DECIMAL PLACE ±0.15 | MATERIAL AND FINISH | SEE NOTES | |
| 3 DECIMAL PLACE N/A | REF. | ECN Exxxxx | |
| ANGULAR DEGREES ±1° | THIRD ANGLE PROJECTION | DO NOT SCALE DRAWING | |
| ENG. REL. NO. | | | |

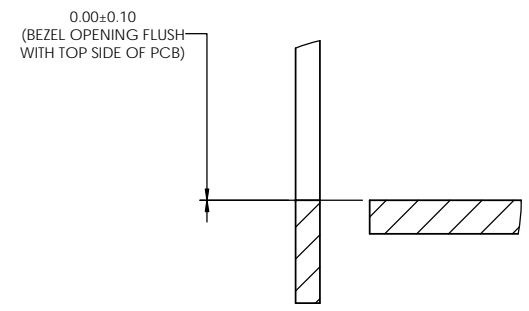
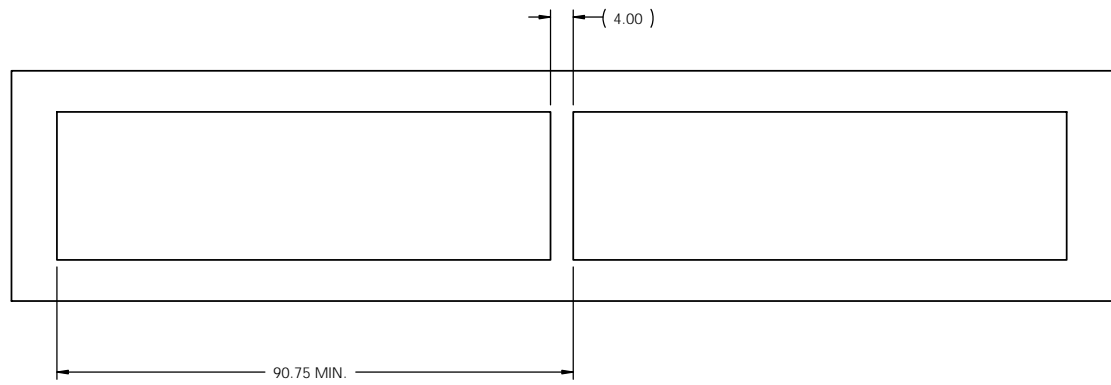
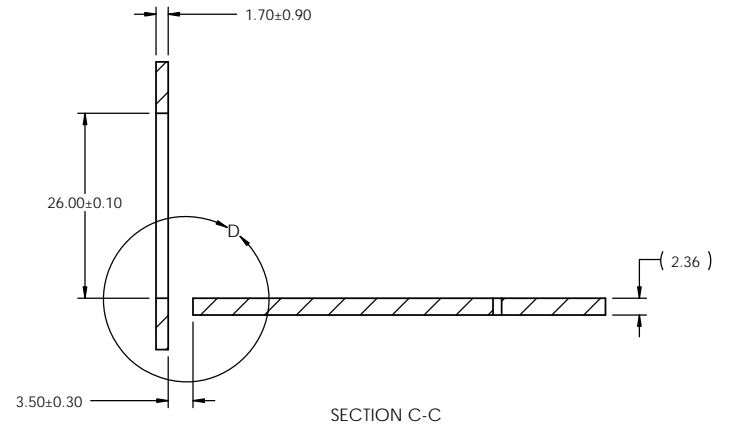
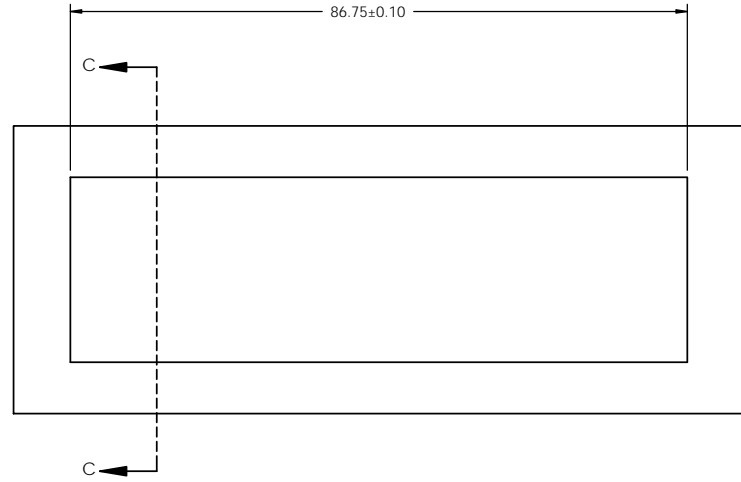
Amphenol High Speed Interconnects
A Division of Amphenol Corp. www.amphenolcanada.com

2X6 SFP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMI GASKET VERSION

| | | | |
|-------------|---------------------|--------------|----|
| DWG. NO. | P-UE86-3G6420-X0X61 | REV | C |
| CODE ID NO. | 03554 | DWG SIZE: | A4 |
| SCALE: | 1:1 | SHEET 2 OF 5 | |

REVISIONS

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| C | | UPDATE NOTES | AUG 19/14 | J.SI |

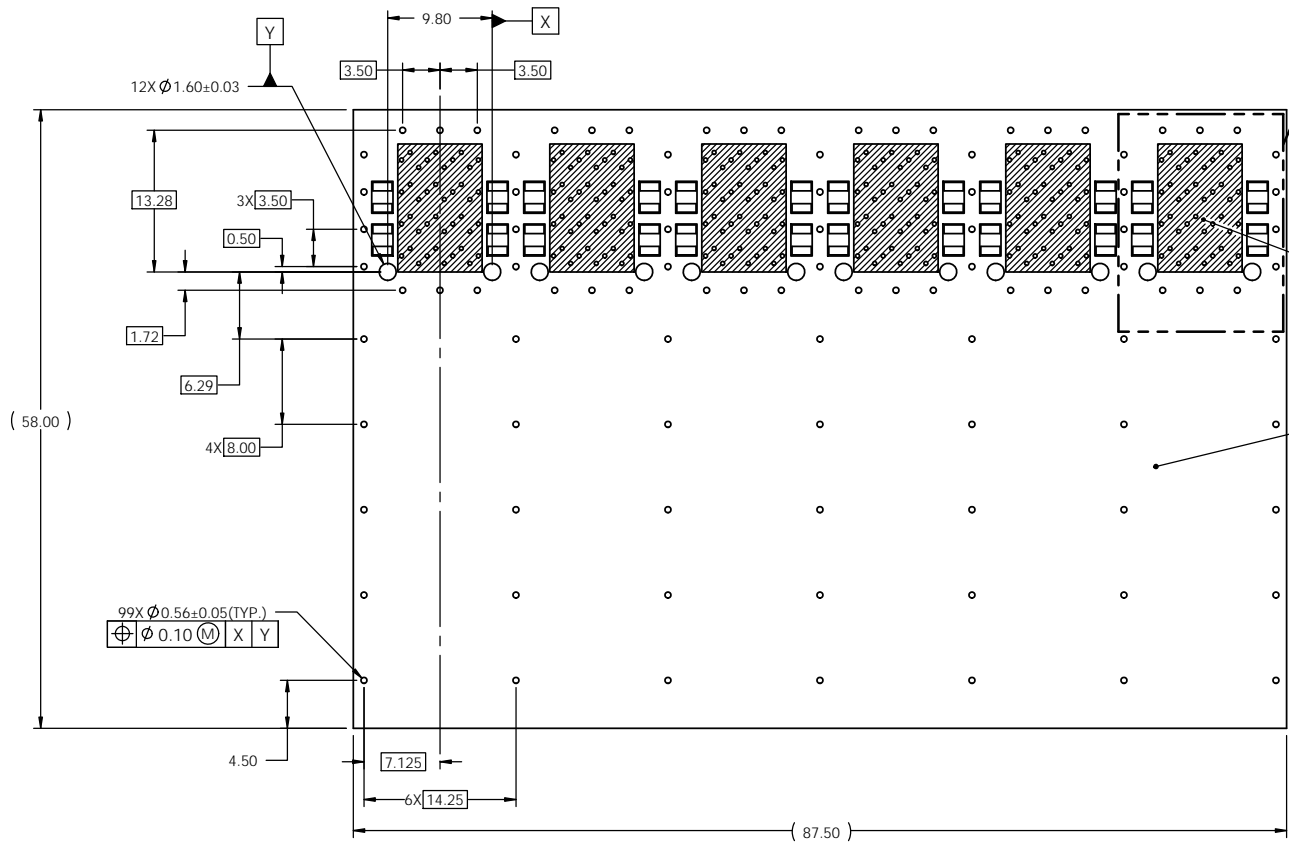


DETAIL D
SCALE 2 : 1

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| DIMENSIONS ARE IN MILLIMETERS | | CHECKED | J. SI | FEB 12/14 | |
| REFERENCE IN PARENTHESES | | M.E. APP'D | | | |
| GENERAL TOLERANCES | | Q.A. APP'D | | | 2X6 SFP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMI GASKET VERSION |
| 1 DECIMAL PLACE | ±0.25 | DWG APP'D | J. SI | FEB 12/14 | |
| 2 DECIMAL PLACE | ±0.15 | MATERIAL AND FINISH | SEE NOTES | | DWG. NO. P-UE86-3G6420-X0X61 REV C |
| 3 DECIMAL PLACE | N/A | REF. | ECN Exxxxx | | |
| ANGULAR DEGREES | ±1° | THIRD ANGLE PROJECTION | DO NOT SCALE DRAWING | | CODE ID NO. 03554 DWG SIZE: A4 SCALE: 1:1 SHEET 3 OF 5 |
| ENG. REL. NO. | | | | | |

| REVISIONS | | | | |
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NOTES:
 1. 0.56 mm DIAMETER HOLES ARE CHASSIS GROUND (99HOLES).

COMPONENT KEEP-OUT AREAS

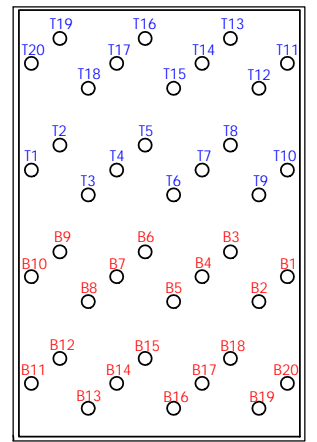
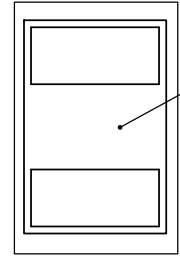
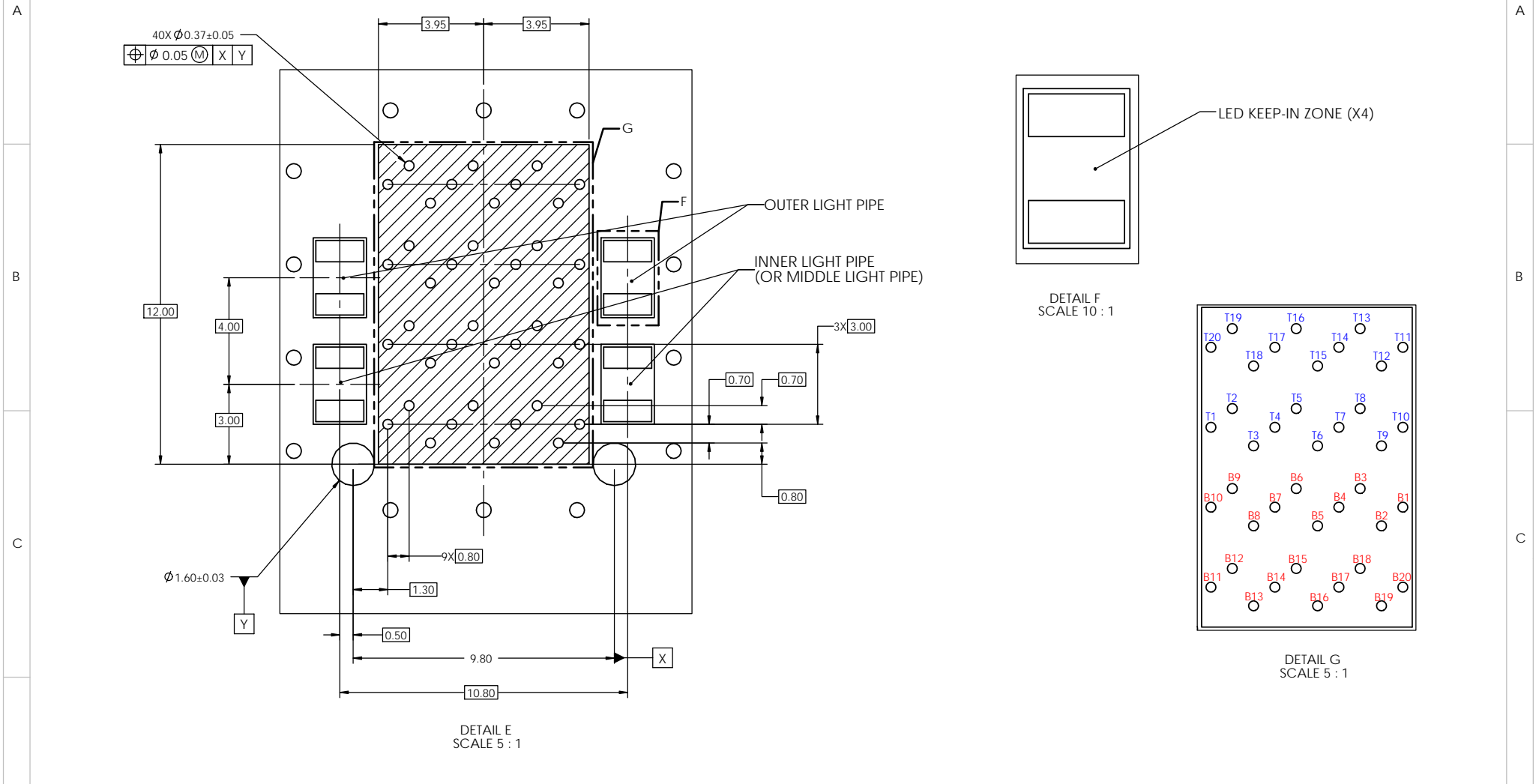
COMPONENT KEEP-OUT AREAS

2X6 PCB LAYOUT

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| 2 DECIMAL PLACE ± 0.15 | MATERIAL AND FINISH | SEE NOTES | | | |
| 3 DECIMAL PLACE N/A | REF. | ECN Exxxxx | | | |
| ANGULAR DEGREES $\pm 1^\circ$ | THIRD ANGLE PROJECTION | | | | |
| ENG. REL. NO. | | | | DO NOT SCALE DRAWING | |

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| 1 DECIMAL PLACE | ±0.25 | DWG APP'D | J. SI | FEB 12/14 | 2X6 SFP ULTRAPORT WITH LIGHT PIPE OPTIONS AND EMI GASKET VERSION | |
| 2 DECIMAL PLACE | ±0.15 | MATERIAL AND FINISH | SEE NOTES | | | |
| 3 DECIMAL PLACE | N/A | REF. | ECN Exxxxx | | DWG. NO. | |
| ANGULAR DEGREES | ±1° | THIRD ANGLE PROJECTION | | | P-UE86-3G6420-X0X61 | |
| ENG. REL. NO. | | DO NOT SCALE DRAWING | | | REV C | |
| | | CODE ID NO. | 03554 | DWG SIZE: A4 | SCALE: 2:1 | SHEET 5 OF 5 |



Стандарт Электрон Связь

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Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

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С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331