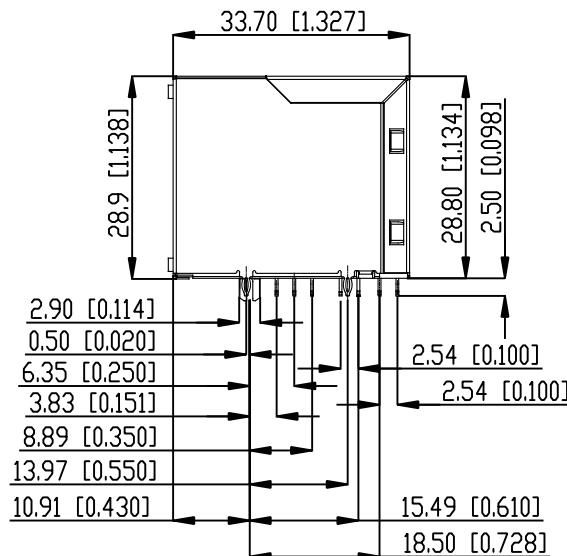
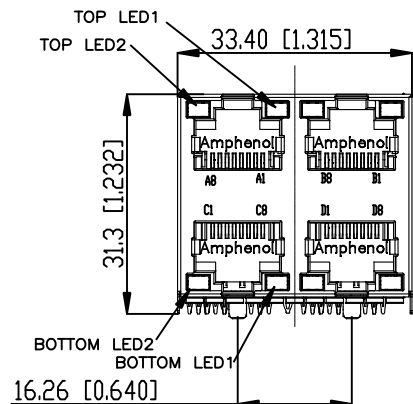




#### NOTES:

##### MATERIALS:

- CONTACTS: PHOSPHOR BRONZE.  
SELECTIVELY GOLD PLATING FOR MATING AREAS,  
SEE AMPHENOL PART NUMBER FOR DETAILS  
50u" MIN. NICKEL OVERALL.
- HOUSING: HIGH TEMPERATURE THERMOPLASTIC. COLOR BLACK,  
FLAMMABILITY RATING UL 94V-0
- SHIELD: STAINLESS STEEL, WITH TIN DIPPED PCB TAILS  
FR-4.
- PCB:

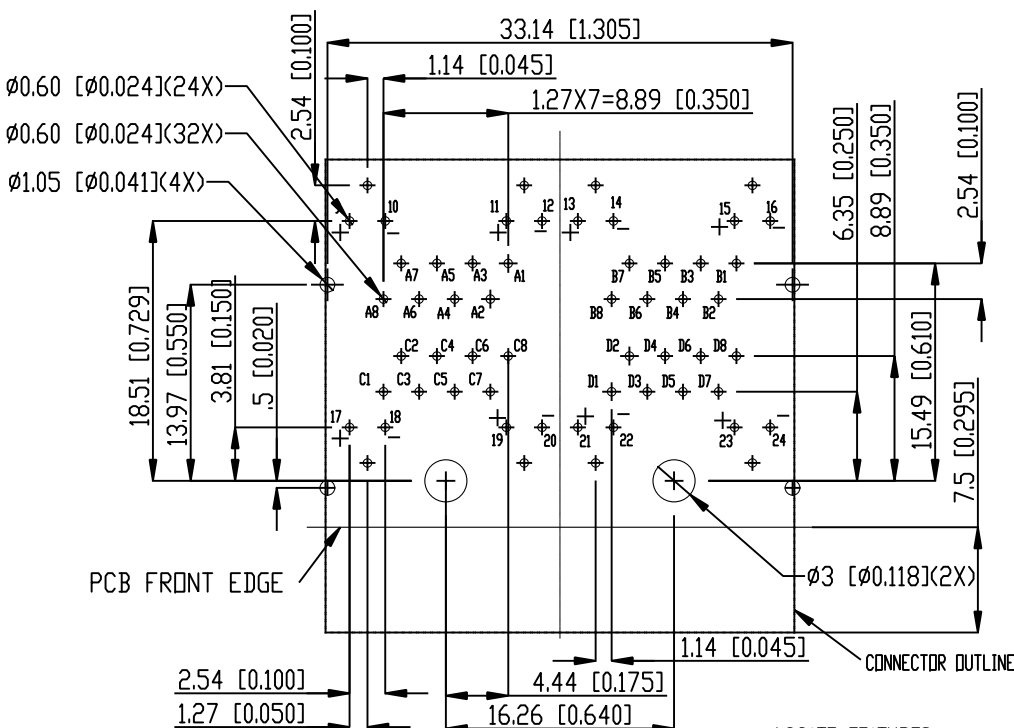
##### MECHANICAL:

- INSERTION FORCE OF PRESS FIT PCB SEATING 5260N MAX.
- WITHDRAWAL FORCE OF PRESS FIT PCB SEATING 490N MIN.

##### ELECTRICAL:

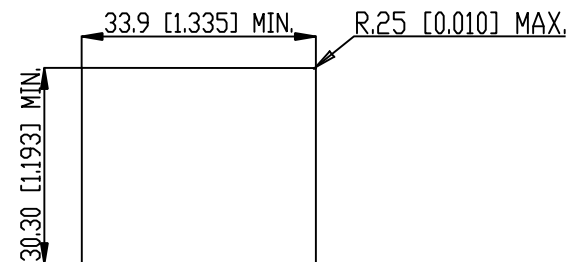
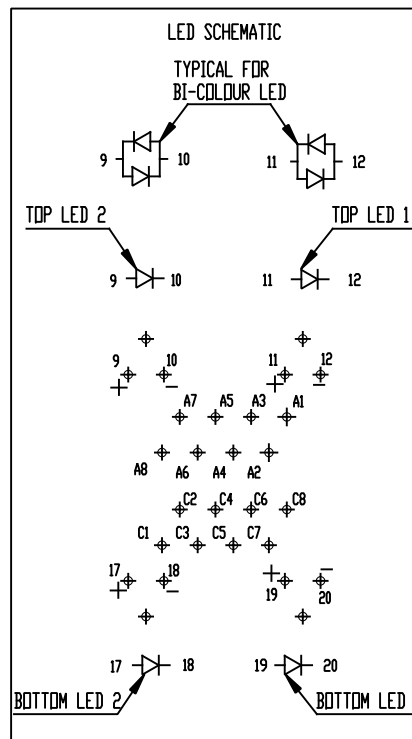
- VOLTAGE RATING: 125 VAC.
- CURRENT RATING: 1.25 AMP.
- INSULATING RESISTANCE: 500 MEGOHMS MINIMUM.
- DIELECTRIC STRENGTH: 1000 VAC 60Hz, 1 MINIMUM.
- CATEGORY 5e CHARACTERISTIC:

| FREQUENCY | NEAR-END CROSSTALK | RETURN LOSS | INSERTION LOSS |
|-----------|--------------------|-------------|----------------|
| MHz       | dB, MIN.           | dB, MIN.    | dB, MAX.       |
| 1.0       | 65                 | 30          | 0.1            |
| 4.0       | 65                 | 30          | 0.1            |
| 8.0       | 64.9               | 30          | 0.1            |
| 10.0      | 63                 | 30          | 0.1            |
| 16.0      | 58.9               | 30          | 0.2            |
| 20.0      | 57                 | 30          | 0.2            |
| 25.0      | 55                 | 30          | 0.2            |
| 31.25     | 53.1               | 30          | 0.2            |
| 62.5      | 47.1               | 24.1        | 0.3            |
| 100.0     | 43                 | 20          | 0.4            |



RECOMMENDED P.C.B LAYOUT  
COMPONENT SIDE OF BOARD  
TOLERANCE: +/-0.05[.002]

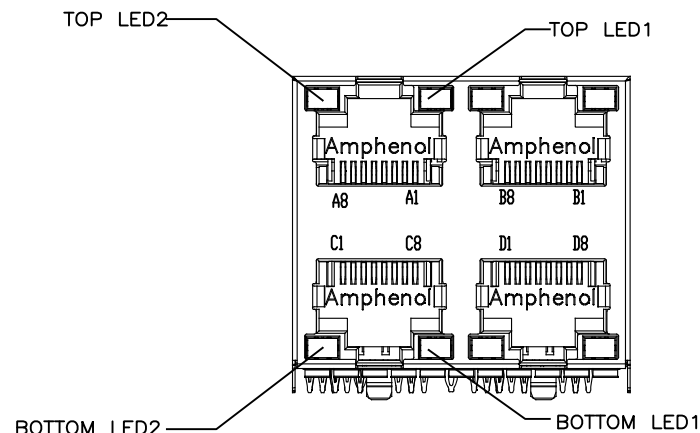
LOCATE FEATURES  
+ [0.13]  
POSITION DIMENSIONS  
ARE BASIC



RECOMMENDED PANEL LAYOUT

|                            |                  |          |
|----------------------------|------------------|----------|
| UNLESS SPECIFIED OTHERWISE | DRAWN JACK.GUO   | APR14/17 |
| PRIMARY UNITS MILLIMETERS  | CHECKED          |          |
| SECONDARY                  | M.E. APP'D       |          |
| REFERENCE IN PARENTHESES   | Q.A. APP'D       |          |
|                            | DWG APP'D L.CHAN | APR14/17 |
|                            | ENG. REL. NO.    |          |
| 1 DECIMAL PLACE ±0.38      |                  |          |
| 2 DECIMAL PLACES ±0.25     |                  |          |
| 3 DECIMAL PLACES           |                  |          |
| ANGULAR DEGREES            |                  |          |
| THIRD ANGLE PROJECTION     |                  |          |
| DO NOT SCALE DRAWING       |                  |          |

|                                                                                                                                        |                  |       |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------|-------|
| Amphenol Canada Corp.                                                                                                                  |                  |       |
| www.amphenolcanada.com                                                                                                                 |                  |       |
| STACKABLE MODULAR JACK,<br>2x2 PORT, CAT5e, 8 POSITON, 8 CONTACTS<br>WITH LED, PRESS FIT, SHIELD<br>WITHOUT EMI SPRINGS-RoHS COMPLIANT |                  |       |
| DWG NO.                                                                                                                                | P-RJSGE-488-6XX1 | REV B |
| CODE ID NO. 03945                                                                                                                      | DWG SIZE         | SCALE |
| SHEET 1 OF 3                                                                                                                           |                  |       |



TYPICAL FOR SINGLE & MULTI-PORT

AMPHENOL PART NUMBER: R J S G E 4 8 8 6 X X 1

SHELL OPTION  
6: SHIELD WITHOUT EMI SPRING  
7: SHIELD WITH ALL EMI SPRING

LED OPTION (SEE TABLE 3)

GOLD PLATING OPTION  
1: GOLD FLASH  
2: 15u" MIN. GOLD PLATING  
3: 30u" MIN. GOLD PLATING  
4: 50u" MIN. GOLD PLATING

TABLE 3

PART NUMBER R J S G E 4 8 8 6 X X 1

LED COLOR CODE

| CODE | LED 2 (LEFT) | LED 1 (RIGHT) | CODE | LED 2 (LEFT) | LED 1 (RIGHT) | CODE | LED 2 (LEFT) | LED 1 (RIGHT) |
|------|--------------|---------------|------|--------------|---------------|------|--------------|---------------|
| 0    | BLOCKED      | BLOCKED       | 9    | GREEN        | BLOCKED       | J    | BiC RD/GR    | YELLOW        |
| 1    | YELLOW       | GREEN         | A    | BiC GR/YE    | BiC GR/YE     | K    | YELLOW       | BiC GR/OR     |
| 2    | BLOCKED      | GREEN         | B    | BiC RD/GR    | BiC RD/GR     | L    | BiC GR/YE    | RED           |
| 3    | YELLOW       | BLOCKED       | C    | BiC RD/GR    | BiC GR/YE     | M    | RED          | YELLOW        |
| 4    | GREEN        | YELLOW        | D    | GREEN        | BiC GR/YE     | P    | GREEN        | BiC RD/GR     |
| 5    | GREEN        | GREEN         | E    | YELLOW       | BiC GR/YE     | R    | BiC GR/OR    | GREEN         |
| 6    | YELLOW       | YELLOW        | F    | BiC GR/YE    | YELLOW        | T    | RED          | RED           |
| 7    | RED          | GREEN         | G    | BiC GR/OR    | BiC GR/OR     | V    | BiC RD/GR    | GREEN         |
| 8    | GREEN        | RED           | H    | BiC GR/YE    | GREEN         | W    |              |               |

LED SPECIFICATIONS:

FORWARD VOLTAGE: 2.1 VOLTS TYP.  
REVERSE VOLTAGE: 5.0 VOLTS MIN.  
LUMINOUS INTENSITY: 0.6 mCd MIN.  
(AT If=2mA)  
STORAGE TEMPERATURE: -40° TO 85° C  
PLATING ON TAILS: TIN OR TIN/COPPER  
ALLOY OVER SILVER

LEGEND

BiC=BI-COLOR LED  
LOWC=LOW CURRENT LED  
YE=YELLOW  
GR=GREEN  
RD=RED  
OR=ORANGE

PRIMARY COLOR FOR BI-COLOR  
LEDs IN STANDARD ANODE/  
CATHODE CONFIGURATION IS:  
RED-GREEN= RED  
RED-YELLOW= RED  
GREEN-YELLOW= GREEN  
GREEN-ORANGE= GREEN

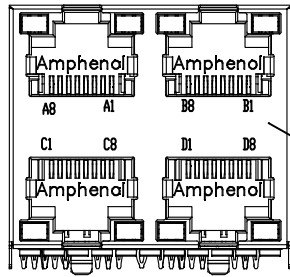
NOTE:

THE TWO DIGITS PRECEDING THE  
ADDITIONAL LED CODE MUST BE  
USED IN THE PART NUMBER, WHEN  
ORDERING ANY OF THE ADDITIONAL  
LED OPTIONS.

|                            |                        |                      |
|----------------------------|------------------------|----------------------|
| UNLESS SPECIFIED OTHERWISE | DRAWN JACK.GUO         | APR.14/17            |
| PRIMARY UNITS MILLIMETERS  | CHECKED                |                      |
| SECONDARY                  | M.E. APP'D             |                      |
| REFERENCE IN PARENTHESES   | Q.A. APP'D             |                      |
| 1 DECIMAL PLACE ±0.38      | DWG APP'D L.CHAN       | APR.14/17            |
| 2 DECIMAL PLACES ±0.25     | ENG. REL. NO.          |                      |
| 3 DECIMAL PLACES           | REF.                   |                      |
| ANGULAR DEGREES            | THIRD ANGLE PROJECTION | DO NOT SCALE DRAWING |

|                                                                                                                                         |          |       |              |
|-----------------------------------------------------------------------------------------------------------------------------------------|----------|-------|--------------|
| Amphenol Canada Corp.<br>www.amphenolcanada.com                                                                                         |          |       |              |
| STACKABLE MODULAR JACK,<br>2x2 PORT, CAT5e, 8 POSITON, 8 CONTACTS,<br>WITH LED, PRESS FIT, SHIELD<br>WITHOUT EMI SPRINGS-RoHS COMPLIANT |          |       |              |
| DWG NO. P-RJSGE-488-6XX1                                                                                                                |          |       | REV B        |
| CODE ID NO. 03945                                                                                                                       | DWG SIZE | SCALE | SHEET 2 OF 3 |

| REVISIONS |                           |             |        |
|-----------|---------------------------|-------------|--------|
| REV       | DESCRIPTION, ECN, EAR NO. | DATE        | APP'D  |
| A         | PROPOSAL                  | APR.14/2017 | L.CHAN |
| B         | ADD THE LED SCHEMATIC     | NOV.20/2017 | L.CHAN |

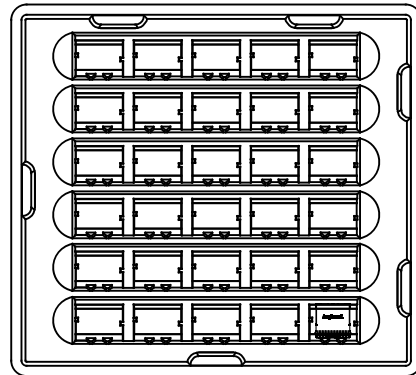


CONNECTOR

PUT 4 TRAYS INTO CARTON



CONNECTOR IS PLACED INTO TRAYS WITH PRESSFIT TAILS DOWN

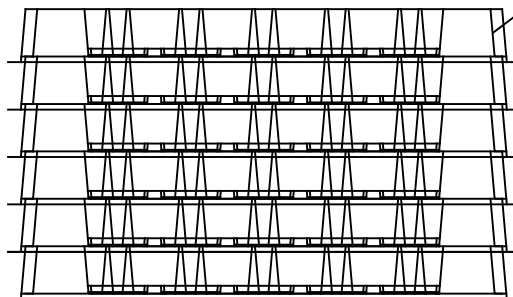


30PCS CONNECTOR PER TRAY

LABEL

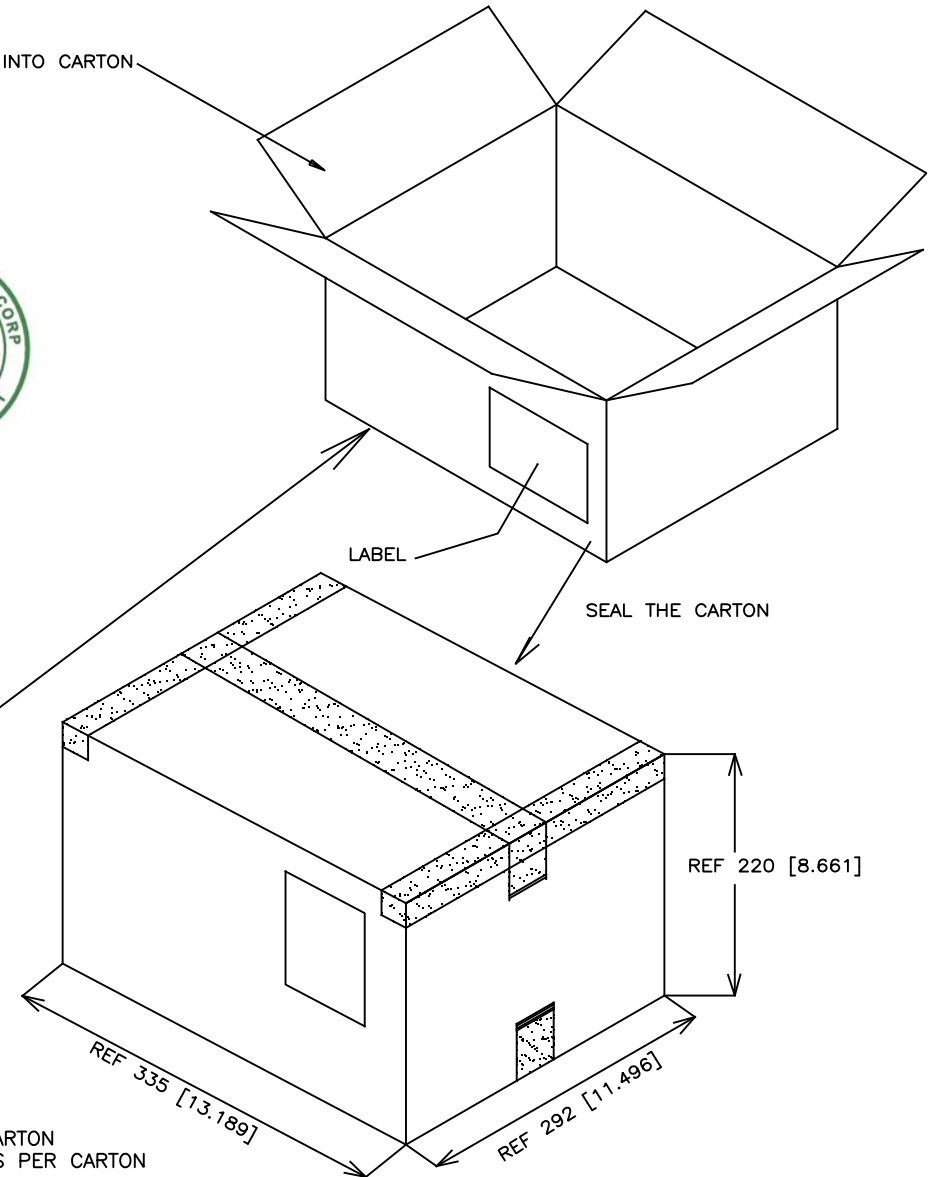
SEAL THE CARTON

STACK FOUR TRAYS TOGETHER



NOTES:

- PACAKING QUANTITY  
 1. 30PCS PER TRAY  
 2. 6 PCS TRAYS PER CARTON  
 180 PCS CONNECTORS PER CARTON



|                             |                        |                      |
|-----------------------------|------------------------|----------------------|
| UNLESS SPECIFIED OTHERWISE  | DRAWN JUSTIN.F         | APR.14/17            |
| PRIMARY UNITS MILLIMETERS   | CHECKED                |                      |
| SECONDARY                   | M.E. APP'D             |                      |
| REFERENCE IN PARENTHESES    | Q.A. APP'D             |                      |
| 1 DECIMAL PLACE $\pm 0.38$  | DWG APP'D L.CHAN       | APR.14/17            |
| 2 DECIMAL PLACES $\pm 0.25$ | ENG. REL. NO.          |                      |
| 3 DECIMAL PLACES            | REF.                   |                      |
| ANGULAR DEGREES             | THIRD ANGLE PROJECTION | DO NOT SCALE DRAWING |

|                                                                                                                                         |                  |       |              |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------------|-------|--------------|
| Amphenol Canada Corp.<br>www.amphenolcanada.com                                                                                         |                  |       |              |
| STACKABLE MODULAR JACK,<br>2x2 PORT, CAT5e, 8 POSITON, 8 CONTACTS,<br>WITH LED, PRESS FIT, SHIELD<br>WITHOUT EMI SPRINGS-RoHS COMPLIANT |                  |       |              |
| DWG NO.                                                                                                                                 | P-RJSGE-488-6XX1 |       | REV B        |
| CODE ID NO. 03945                                                                                                                       | DWG SIZE         | SCALE | SHEET 3 OF 3 |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

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

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