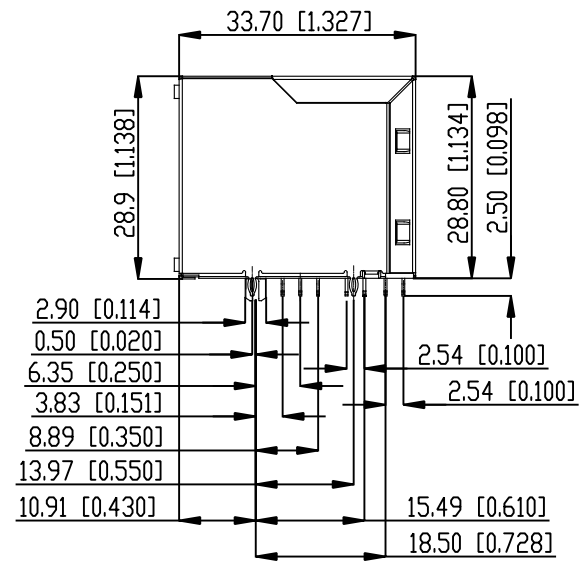
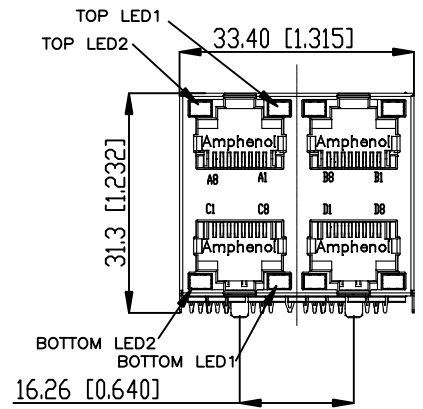


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL	APR.14/2017	L.CHAN
B	ADD THE LED SCHEMATIC	NOV.20/2017	L.CHAN

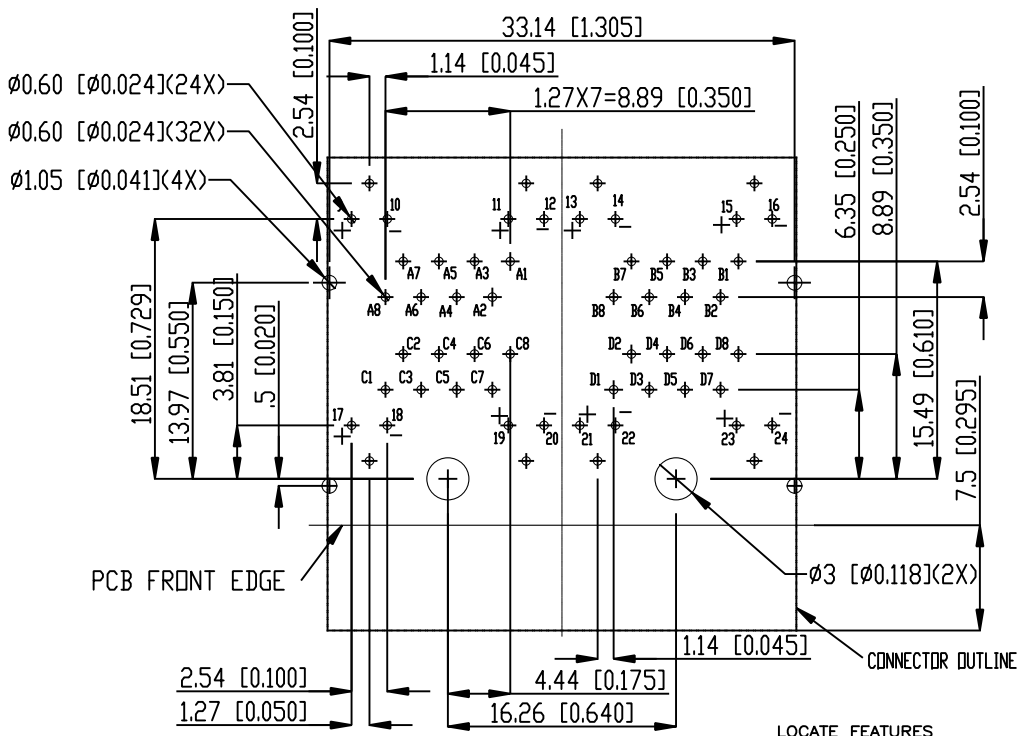


- NOTES:**  
**MATERIALS:**  
 1. CONTACTS: PHOSPHOR BRONZE, SELECTIVELY GOLD PLATING FOR MATING AREAS, SEE AMPHENOL PART NUMBER FOR DETAILS 50u" MIN. NICKEL OVERALL.  
 2. HOUSING: HIGH TEMPERATURE THERMOPLASTIC. COLOR BLACK, 100u" MIN. MATTE TIN OR GOLD FLASH ON TAILS. FLAMMABILITY RATING UL 94V-0  
 3. SHIELD: STAINLESS STEEL, WITH TIN DIPPED PCB TAILS  
 4. PCB: FR-4.

- MECHANICAL:**  
 1. INSERTION FORCE OF PRESS FIT PCB SEATING 5260N MAX.  
 2. WITHDRAWAL FORCE OF PRESS FIT PCB SEATING 490N MIN.

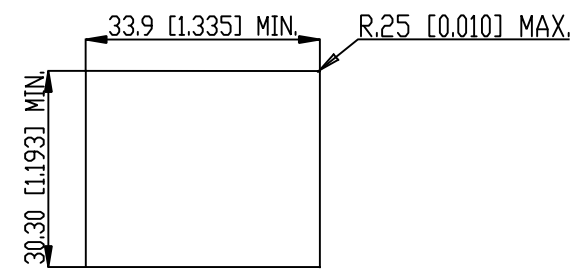
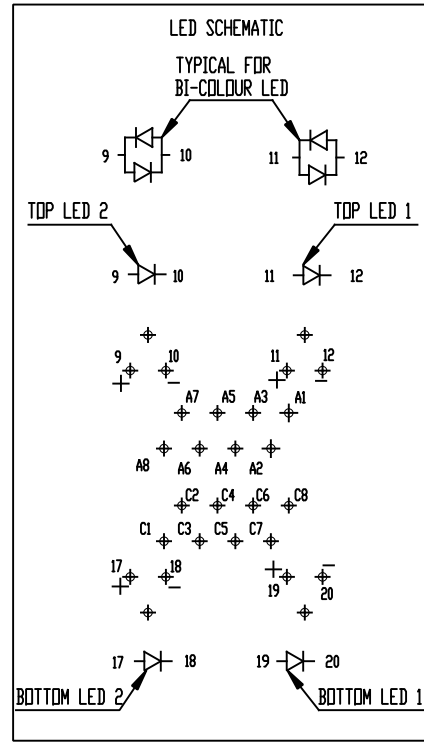
- ELECTRICAL:**  
 1. VOLTAGE RATING: 125 VAC.  
 2. CURRENT RATING: 1.25 AMP.  
 3. INSULATING RESISTANCE: 500 MEGOHMS MINIMUM.  
 4. DIELECTRIC STRENGTH: 1000 VAC 60Hz, 1 MINIMUM.  
 5. CATEGORY 5e CHARACTERISTIC:

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  
 [Symbol] Ø0.13  
 POSITION DIMENSIONS  
 ARE BASIC



RECOMMENDED PANEL LAYOUT

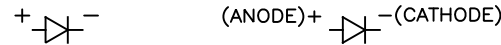
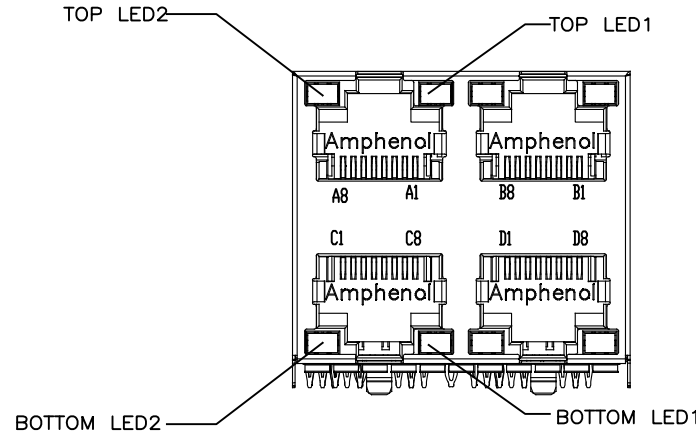
UNLESS SPECIFIED OTHERWISE	DRAWN JACK.GUO	APR14/17
PRIMARY UNITS MILLIMETERS	CHECKED	
SECONDARY	M.E. APP'D	
REFERENCE IN PARENTHESES	Q.A. APP'D	
1 DECIMAL PLACE ±0.38	DWG APP'D L.CHAN	APR14/17
2 DECIMAL PLACES ±0.25	ENG. REL. NO.	
3 DECIMAL PLACES	REF.	
ANGULAR DEGREES	THIRD ANGLE PROJECTION	DO NOT SCALE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

Amphenol Canada Corp.  
[www.amphenolcanada.com](http://www.amphenolcanada.com)

STACKABLE MODULAR JACK,  
 2x2 PORT, CAT5e, 8 POSITION, 8 CONTACTS  
 WITH LED, PRESS FIT, SHIELD  
 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		

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**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

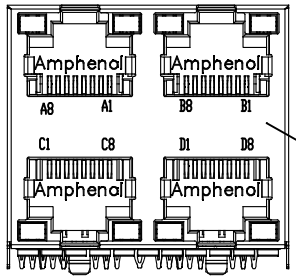
**LEGEND**  
 BiC=BI-COLOR LED  
 LOWC=LOW CURRENT LED  
 YE=YELLOW  
 GR=GREEN  
 RD=RED  
 OR=ORANGE

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	Amphenol Canada Corp. www.amphenolcanada.com
PRIMARY UNITS MILLIMETERS	CHECKED		
SECONDARY	M.E. APP'D		STACKABLE MODULAR JACK, 2x2 PORT, CAT5e, 8 POSITION, 8 CONTACTS, WITH LED, PRESS FIT, SHIELD WITHOUT EMI SPRINGS-RoHS COMPLIANT
REFERENCE IN PARENTHESES	Q.A. APP'D		
1 DECIMAL PLACE ±0.38	DWG APP'D L.CHAN	APR.14/17	DWG NO. P-RJSGE-488-6XX1
2 DECIMAL PLACES ±0.25	ENG. REL. NO.		REV B
3 DECIMAL PLACES	REF.		CODE ID NO. 03945
ANGULAR DEGREES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	DWG SIZE
			SCALE
			SHEET 2 OF 3

REVISIONS			
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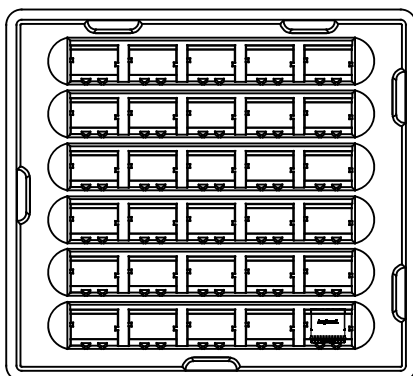


CONNECTOR

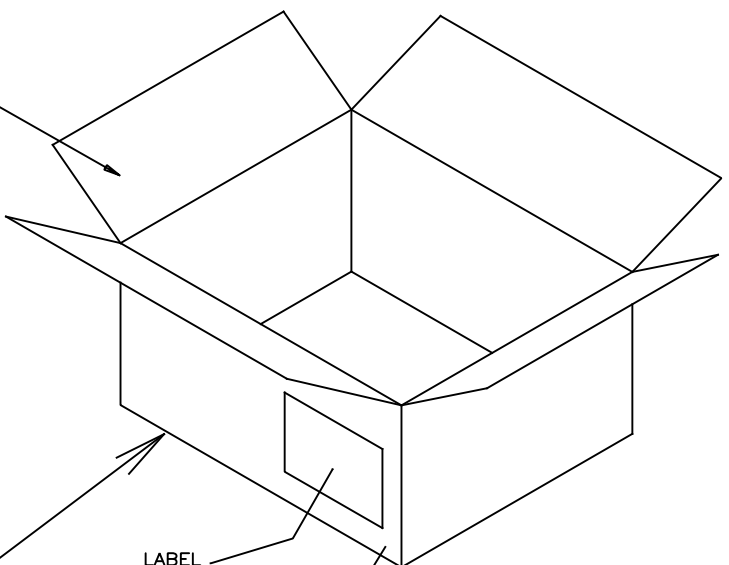
PUT 4 TRAYS INTO CARTON



CONNECTOR IS PLACED INTO TRAYS WITH PRESSFIT TAILS DOWN



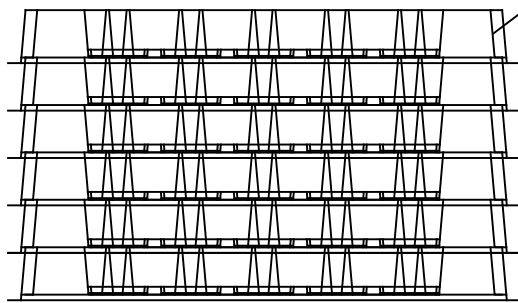
30PCS CONNECTOR PER TRAY



LABEL

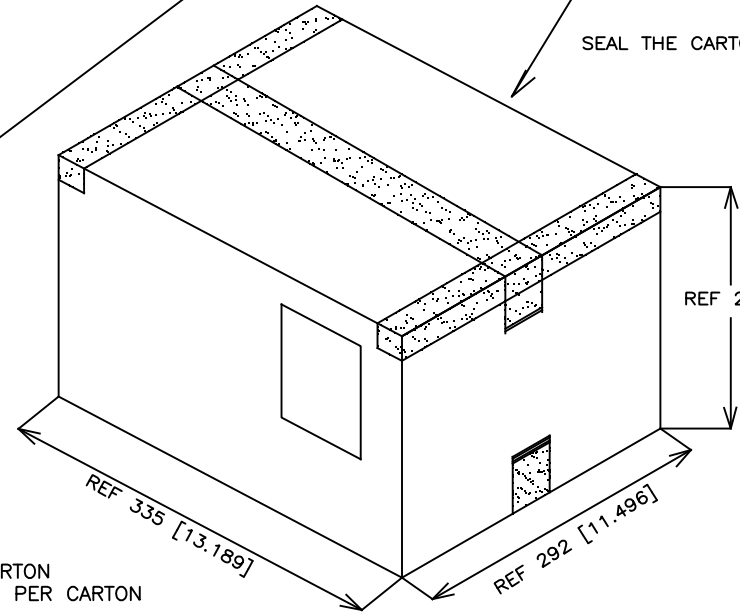
SEAL THE CARTON

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		
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3 DECIMAL PLACES	REF.		
ANGULAR DEGREES	THIRD ANGLE PROJECTION		

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

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