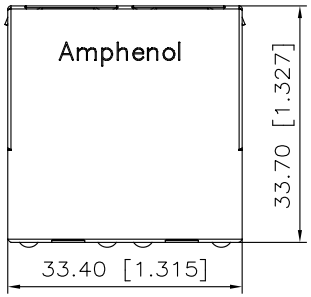
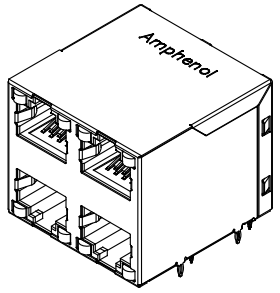
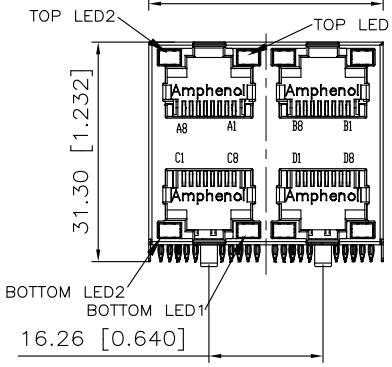
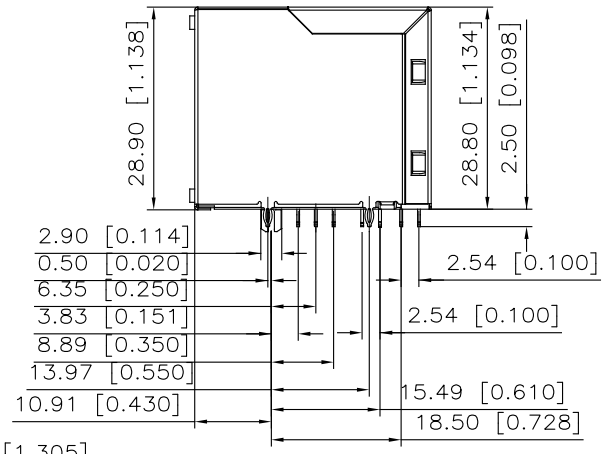
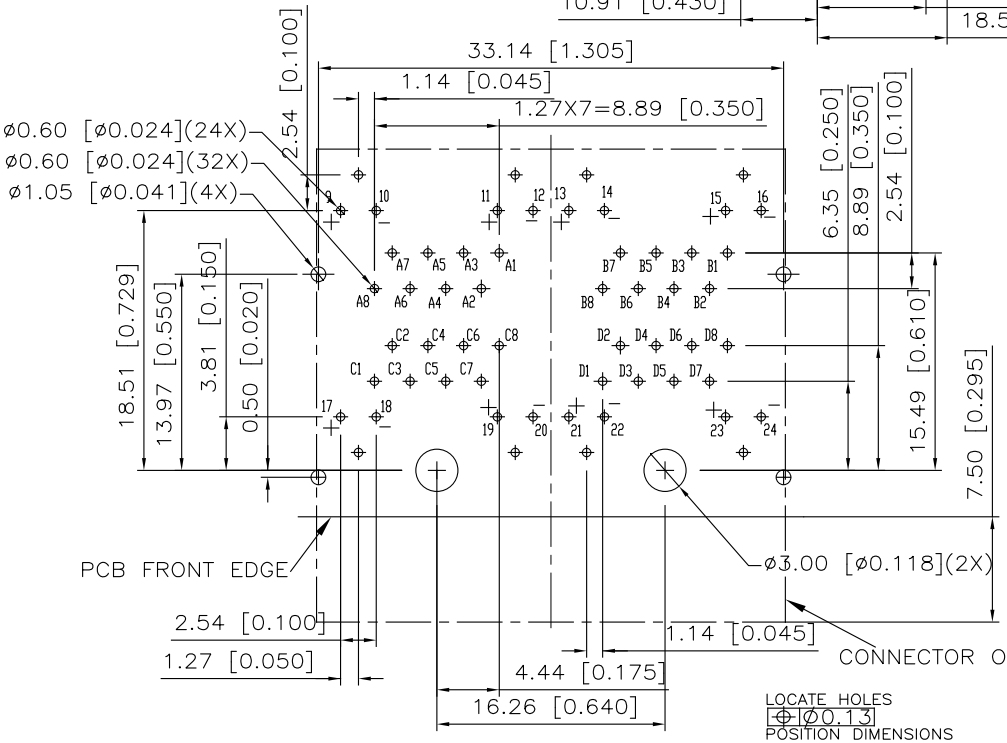
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B	ADD THE LED SCHEMATIC	NOV.20/2017	L.CHAN
C	UPDAET NOTES AND DRAWING VIEWS	AUG27/19	L.CHAN











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

LOCATE HOLES
⌖ Ø0.13
POSITION DIMENSIONS
ARE BASIC

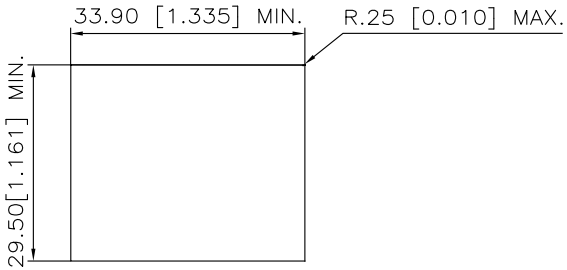
NOTES:
MATERIALS:
1. CONTACTS: PHOSPHOR BRONZE,
SELECTIVELY GOLD PLATING FOR MATING AREAS,
SEE AMPHENOL PART NUMBER FOR DETAILS
100u" MIN. MATTE TIN ON TAILS.
50u" MIN. NICKEL UNDERPLATE OVERALL.
2. HOUSING: HIGH TEMPERATURE THERMOPLASTIC. COLOR BLACK,
FLAMMABILITY RATING UL 94V−0
3. SHIELD: COPPER ALLOY WITH 100u" MIN. NICKEL OVERALL

ELECTRICAL:
1. VOLTAGE RATING: 125 VAC.
2. CURRENT RATING: 1.25 AMPS PER CONTACT.
3. INSULATING RESISTANCE: 500 MEGOHMS MINIMUM.
4. DIELECTRIC STRENGTH:
1000 VAC 60Hz, 1 MIN. BETWEEN CONTACTS&CONTACTS
1500 VAC 60Hz, 1 MIN. BETWEEN CONTACTS&SHIELD,
CONTACTS&LED, LED&SHIELD
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

RJ CONNECTOR CONFORMS TIA−1096

AMPHENOL PART NUMBER: RJSGE−488−6XX1

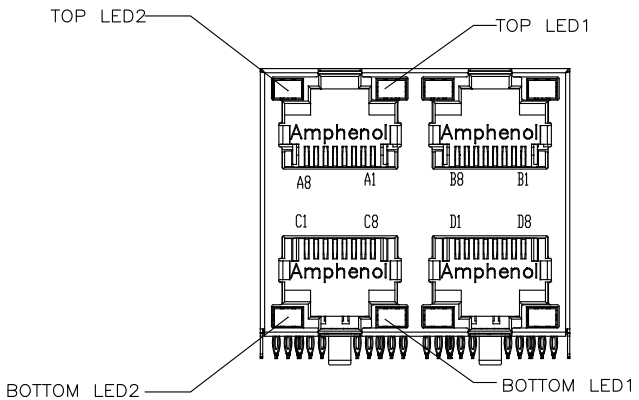


RECOMMENDED PANEL LAYOUT

UNLESS SPECIFIED OTHERWISE	DRAWN JACK.GUO	APR14/17	Amphenol Canada Corp. Commercial Products
PRIMARY UNITS MILLIMETERS	CHECKED		STACKED MODULAR JACK, 2x2 PORT, CAT5e, 8 POSITON, 8 CONTACTS WITH LED, PRESS FIT, SHIELD WITHOUT EMI SPRINGS−RoHS COMPLIANT
SECONDARY INCHS	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
1 DECIMAL PLACE ±0.38 2 DECIMAL PLACES ±0.25 3 DECIMAL PLACES ANGULAR DEGREES	DWG APP'D L.CHAN	APR14/17	DWG NO. P−RJSGE−488−6XX1 REV C
	ENG. REL. NO.		
	REF.		
THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING		CODE ID NO. 03945 DWG SIZE SCALE SHEET 1 OF 4

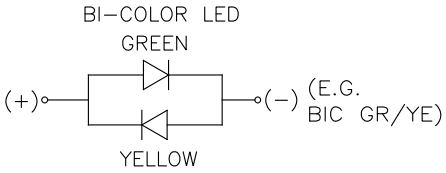
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B	ADD THE LED SCHEMATIC	NOV.20/2017	L.CHAN
C	UPDAET NOTES AND DRAWING VIEWS	AUG27/19	L.CHAN

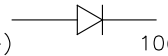


LED SCHEMATIC

BI-COLOR LED



SINGLE COLOR LED



9(+)	10(-)
11(+)	12(-)
17(+)	18(-)
19(+)	20(-)

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.

AMPHENOL PART NUMBER: RJSGE-488-6XX1
- LED OPTION (SEE TABLE 1)
- GOLD PLATING OPTION
  - 1: 6u" MIN. GOLD PLATING
  - 2: 15u" MIN. GOLD PLATING
  - 3: 30u" MIN. GOLD PLATING
  - 4: 50u" MIN. GOLD PLATING

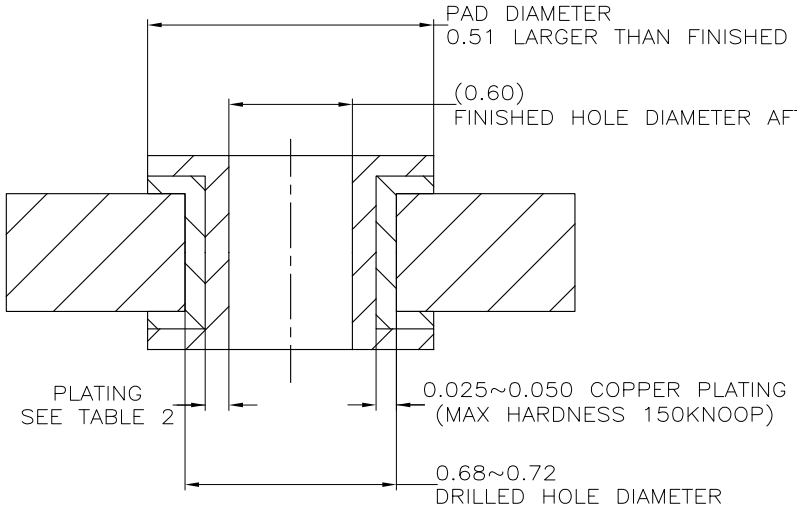
TABLE 1:

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	———	

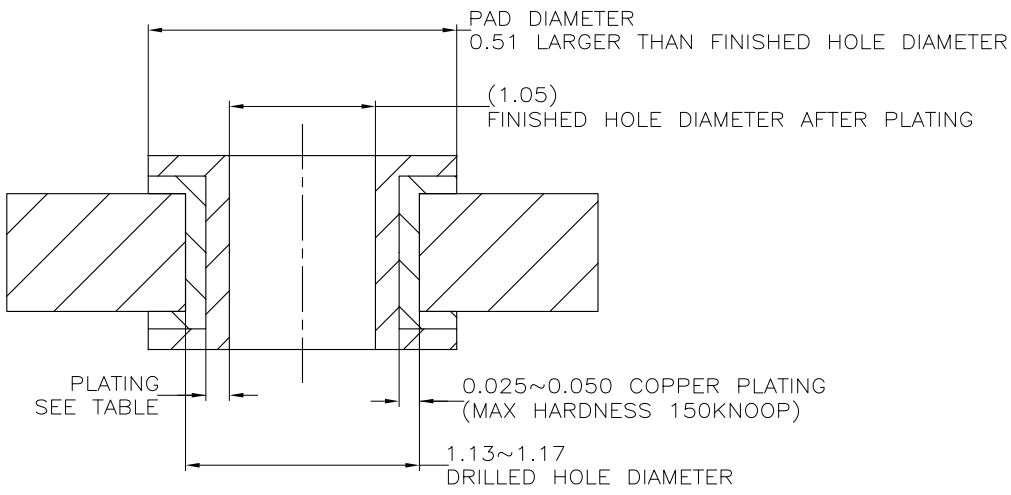
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SECONDARY INCHS	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
1 DECIMAL PLACE ±0.38 2 DECIMAL PLACES ±0.25 3 DECIMAL PLACES ANGULAR DEGREES	DWG APP'D L.CHAN	APR14/17	DWG NO. P-RJSGE-488-6XX1 REV C
	ENG. REL. NO.		
	REF.		
THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING		CODE ID NO. 03945 | DWG SIZE | SCALE | SHEET 2 OF 4

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RECOMMENDED HOLE DIMENSIONS
FOR SIGNAL CONTACTS



RECOMMENDED HOLE DIMENSIONS
FOR SHIELD CONTACTS

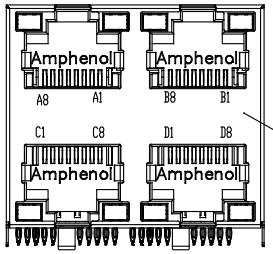
TABLE 2:

THICKNESS	PLATING
0.0001~0.0005 Au, 0.004~0.0076 Ni	IMMERSION GOLD (Au) OVER NICKEL (Ni) (ENIG)

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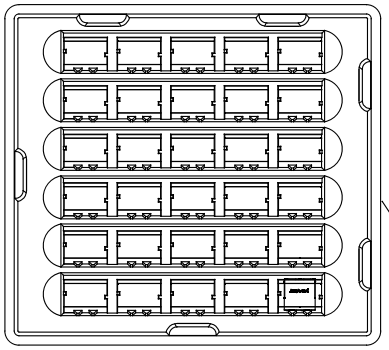
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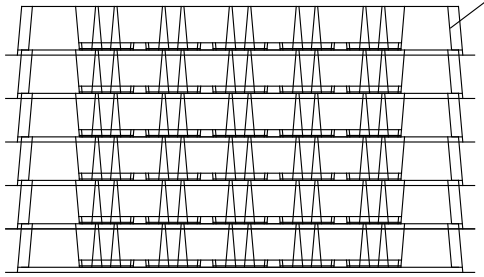
CONNECTOR

CONNECTOR IS PLACED INTO TRAYS WITH PRESSFIT TAILS DOWN

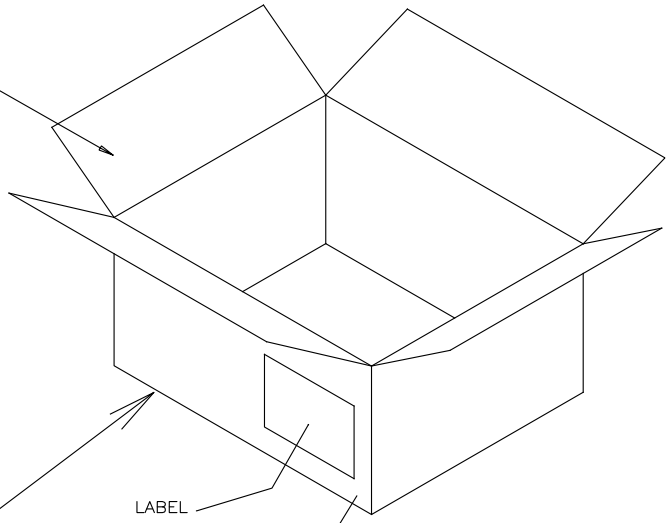


30PCS CONNECTOR PER TRAY

STACK FOUR TRAYS TOGETHER

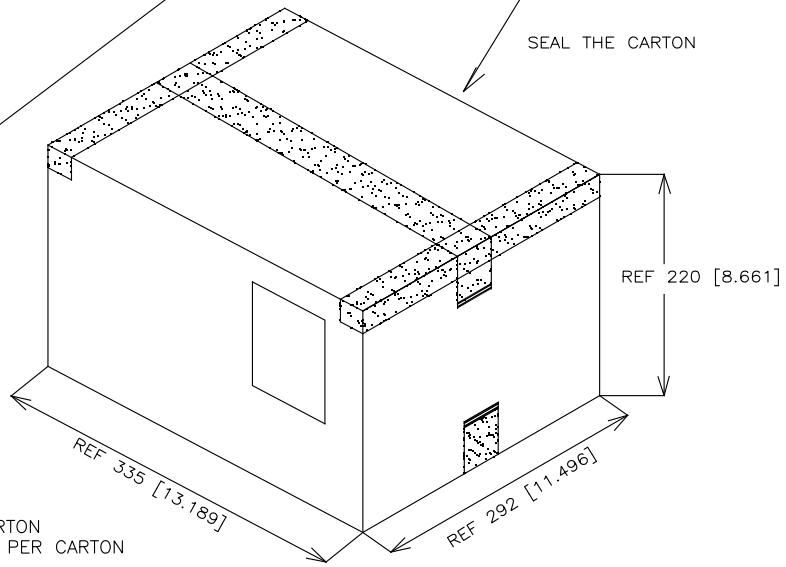


PUT 6 TRAYS INTO CARTON



LABEL

SEAL THE CARTON



NOTES:

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

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	REF.		DWG NO. P–RJSGE–488–6XX1 REV C
	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03945 DWG SIZE SCALE SHEET 4 OF 4