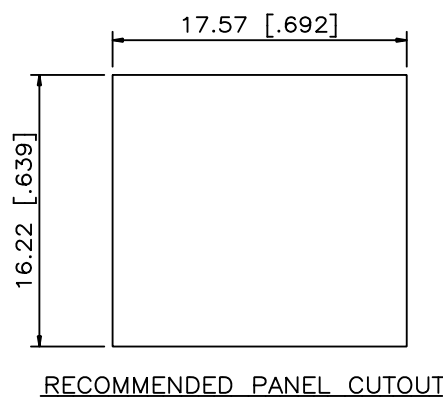
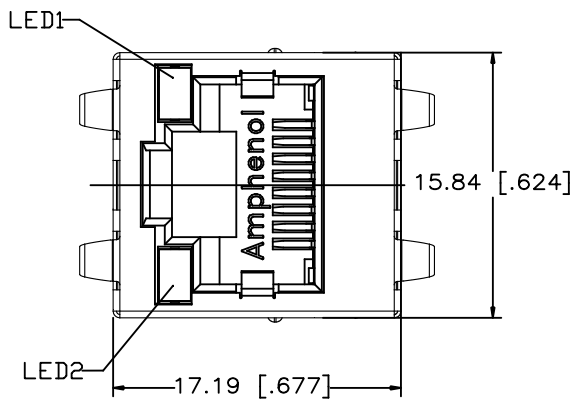




NOTES:

ELECTRICAL:

1. VOLTAGE RATING : 125 VAC.
2. CURRENT RATING : 1.25 AMP.
3. INSULATING RESISTANCE : 500 MEGOHMS MINIMUM.
4. DIELECTRIC STRENGTH : 1000 VAC 60Hz, 1MIN.
5. CATEGORY 6 CHARACTERISTIC:

FREQUENCY	NEAR-END CROSSTALK	RETURN LOSS	INSERTION LOSS
MHz	dB, MIN.	dB, MIN.	dB, MAX.
1.0	75.0	30.0	0.1
4.0	75.0	30.0	0.1
8.0	75.0	30.0	0.1
10.0	74.0	30.0	0.1
16.0	69.9	30.0	0.1
20.0	68.0	30.0	0.1
25.0	66.0	30.0	0.1
31.25	64.1	30.0	0.11
62.5	58.1	28.1	0.16
100.0	54.0	24.0	0.20
200.0	48.0	18.0	0.28
250.0	46.0	16.0	0.32

MECHANICAL:

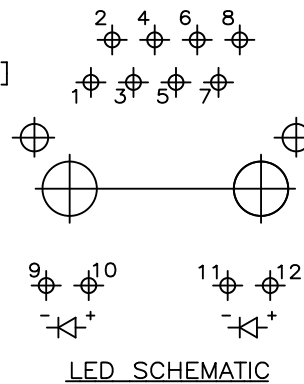
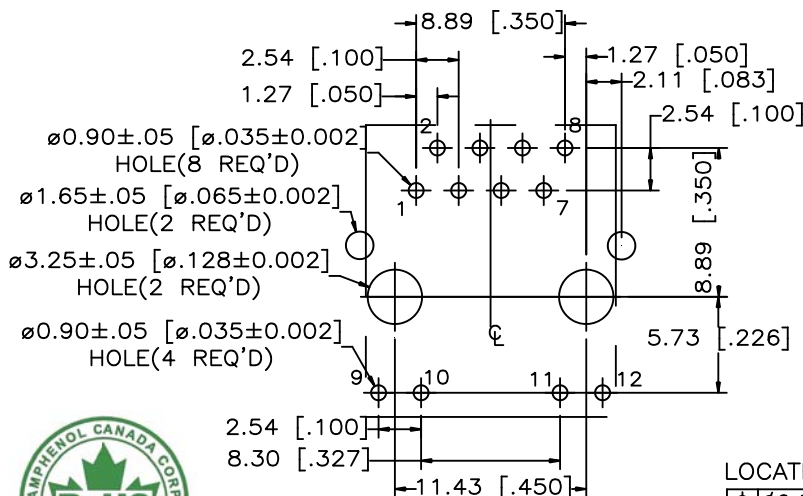
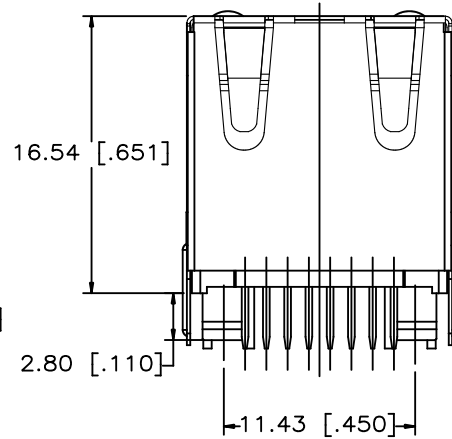
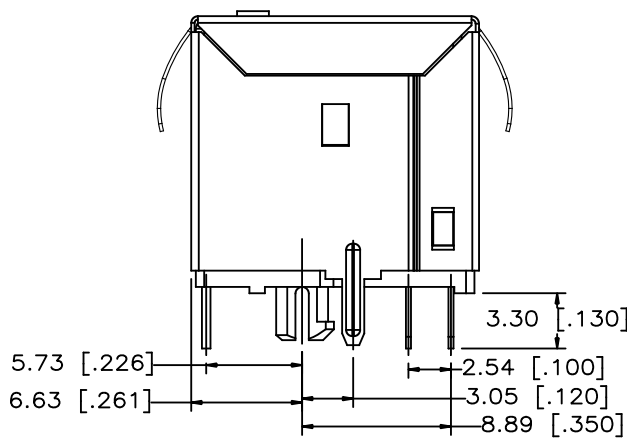
1. HOUSING : HIGH TEMP THERMOPLASTIC. UL 94V-0.
2. INSERT : HIGH TEMP THERMOPLASTIC UL 94V-0.
3. CONTACT : PHOSPHOR BRONZE.
SELECTIVE GOLD PLATING ON MATING SURFACE,
SEE AMPHENOL PART NUMBER FOR DETAIL.
50u" MIN. NICKEL UNDERPLATE
100u" MIN. MATTE TIN PLATING ON CONTACT SOLDER TAIL.
4. SHIELD : STAINLESS STEEL

ENVIRONMENTAL:

1. STORAGE : -40° TO +85°.
 2. OPERATION : -40° TO +85°.
- MATES WITH MODULAR PLUG CONFORMING TO TIA 1096.
RECOMMENDED SOLDER PROCESS:
WAVE SOLDER, PEAK TEMPERATURE 260° FOR 5 SECOND MAXIMUM.
REFLOW SOLDER, PEAK TEMPERATURE 260° FOR 5~8 SECOND.

AMPHENOL PART NUMBER: R J E 4 5 1 8 8 1 X X 1

GOLD PLATING _____ LED OPTION
1 = GOLD FLASH ON NEXT PAGE
2 = 15u"
3 = 30u"
4 = 50u"

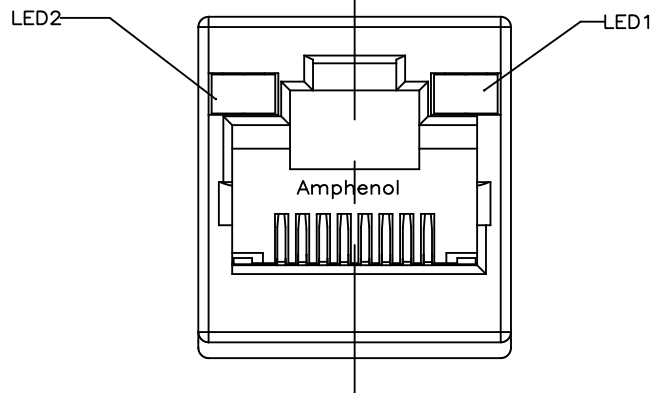


LOCATE HOLES
ø0.13 [0.005]
HOLE POSITIONS ARE BASIC

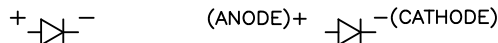
RECOMMENDED P.C.B. LAYOUT
(COMPONENT SIDE OF BOARD)



UNLESS SPECIFIED OTHERWISE	DRAWN KELVIN TANG	MAY22/15	Amphenol Canada Corp. www.amphenolcanada.com	
PRIMARY UNITS: MILLIMETERS	CHECKED		VERTICAL MODULAR JACK	
SECONDARY: INCHES	M.E. APP'D		SINGLE PORTS, 8 POSITION, 8 CONTACTS,	
	Q.A. APP'D		REFLOW LED, SHIELDED, CAT6	
	DWG APP'D L.CHAN	MAY22/15	TRAY PACKAGING -RoHS COMPLIANT	
1 DECIMAL PLACE	ENG. REL. NO.		DWG NO.	REV
2 DECIMAL PLACES ±0.38	REF.		P-RJE45-188-1XX1	D
3 DECIMAL PLACES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. Q3554	DWG SIZE: C
ANGULAR DEGREES			SCALE: FIT	SHEET 1 OF 3



TYPICAL FOR SINGLE & MULTI-PORT



LED SPECIFICATIONS:

FORWARD VOLTAGE: 2.1 VOLTS TYP.

REVERSE VOLTAGE: 5.0 VOLTS MIN.

LUMINOUS INTENSITY: 0.5 mCd MIN.

(AT If=2mA)

STORAGE TEMPERATURE: -40° TO 85° C

PLATING ON TAILS: TIN OR TIN/COPPER
ALLOY OVER SILVER

PRIMARY COLOR FOR BI-COLOR

LEDS IN STANDARD ANODE/
CATHODE CONFIGURATION IS:

RED-GREEN= RED

RED-YELLOW= RED

GREEN-YELLOW= GREEN

GREEN-ORANGE= GREEN

EXAMPLE:

PART NUMBER R J E 4 5 1 8 8 1 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	N	BiC GR/RD	BiC GR/YE
5	GREEN	GREEN	E	YELLOW	BiC GR/YE	P	GREEN	BiC RD/GR
6	YELLOW	YELLOW	F	BiC GR/YE	YELLOW	R	BiC GR/OR	GREEN
7	RED	GREEN	G	BiC GR/OR	BiC GR/OR	T	RED	RED
8	GREEN	RED	H	BiC GR/YE	GREEN	V	BiC RD/GR	GREEN

LEGEND

BiC=BI-COLOR LED

LOWC=LOW CURRENT LED

YE=YELLOW

GR=GREEN

RD=RED

OR=ORANGE

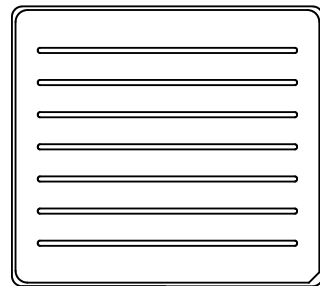
NOTE:

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

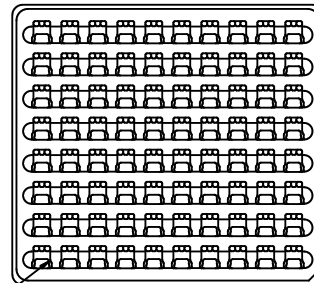


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UNLESS SPECIFIED OTHERWISE	DRAWN KELVIN TANG	MAY22/15	Amphenol Canada Corp.	
PRIMARY UNITS: MILLIMETERS	CHECKED		www.amphenolcanada.com	
SECONDARY: INCHES	M.E. APP'D		VERTICAL MODULAR JACK	
	Q.A. APP'D		SINGLE PORTS, 8 POSITION, 8 CONTACTS,	
	DWG APP'D L.CHAN	MAY22/15	REFLOW LED, SHIELDED, CAT6	
1 DECIMAL PLACE	ENG. REL. NO.		TRAY PACKAGING -RoHS COMPLIANT	
2 DECIMAL PLACES ±0.38	REF.		DWG NO.	REV
3 DECIMAL PLACES			P-RJE45-188-1XX1	D
ANGULAR DEGREES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554	DWG SIZE: C
			SCALE: FIT	SHEET 2 OF 3



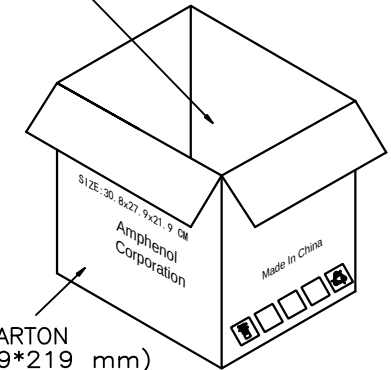
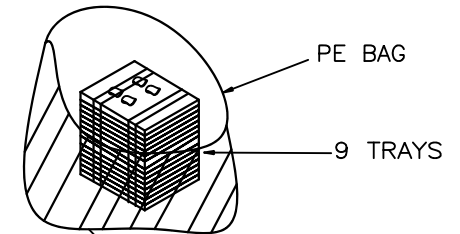
TOP TRAY



BOTTOM TRAY



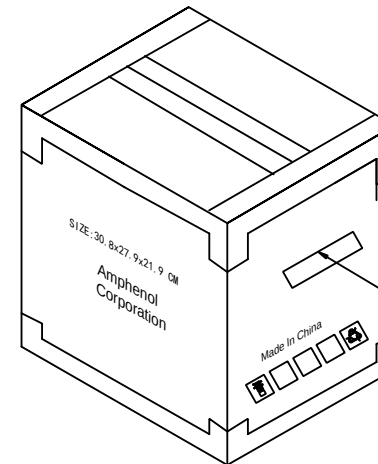
CONNECTORS



CARTON
(308*279*219 mm)

NOTES:

1. FINISHED CONNECTORS (AFTER FINAL INSPECTION) TO BE PACKED INTO CONDUCTIVE HIPS TRAYS, 80 CONNECTORS PER TRAY.
2. TOTAL 9 TRAYS LOADED WITH CONNECTORS TO BE PACKED INTO PE BAG, MUST SEAL PE BAG.
3. TRAYS & CARTONS MATERIAL MUST BE ABLE TO WITHSTAND IMPACT DURING PRODUCT TRANSPORTATION TO PREVENT ANY DAMAGE TO FINISHED CONNECTORS.
4. EACH TRAY AND CARTON OF PARTS TO BE LABELLED WITH AMPHENOL CANADA PART NUMBER, DATE CODE, QUANTITY, COUNTRY OF ORIGIN, AND CSA/UL LOGO WHEN APPROVED.



AMPHENOL P/N: RJE451881X01		Q' TY: 720
LOT#	DATE CODE	CTY OF ORIGIN: CN

UNLESS SPECIFIED OTHERWISE		DRAWN KELVIN TANG		MAY22/15	Amphenol Canada Corp. www.amphenolcanada.com		
PRIMARY UNITS: MILLIMETERS		CHECKED					
SECONDARY: INCHES		M.E. APP'D					
		Q.A. APP'D					
		DWG APP'D L.CHAN		MAY22/15	VERTICAL MODULAR JACK SINGLE PORTS, 8 POSITION, 8 CONTACTS, REFLOW LED, SHIELDED, CAT6 TRAY PACKAGING -RoHS COMPLIANT		
1 DECIMAL PLACE		ENG. REL. NO.					
2 DECIMAL PLACES ±0.38		REF.					
3 DECIMAL PLACES		THIRD ANGLE PROJECTION					
ANGULAR DEGREES					DO NOT SCALE DRAWING		
					DWG NO.		
					P-RJE45-188-1XX1		
					CODE ID NO. 03554	REV D	
					DWG SIZE: C		
					SCALE: FIT		
					SHEET 3	OF 3	