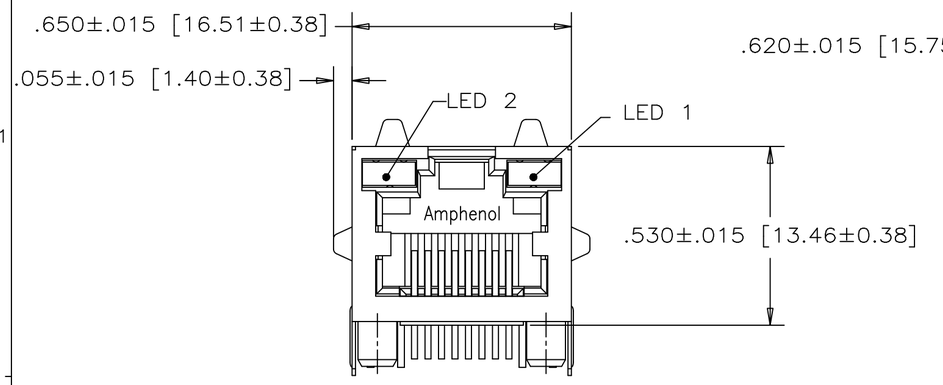
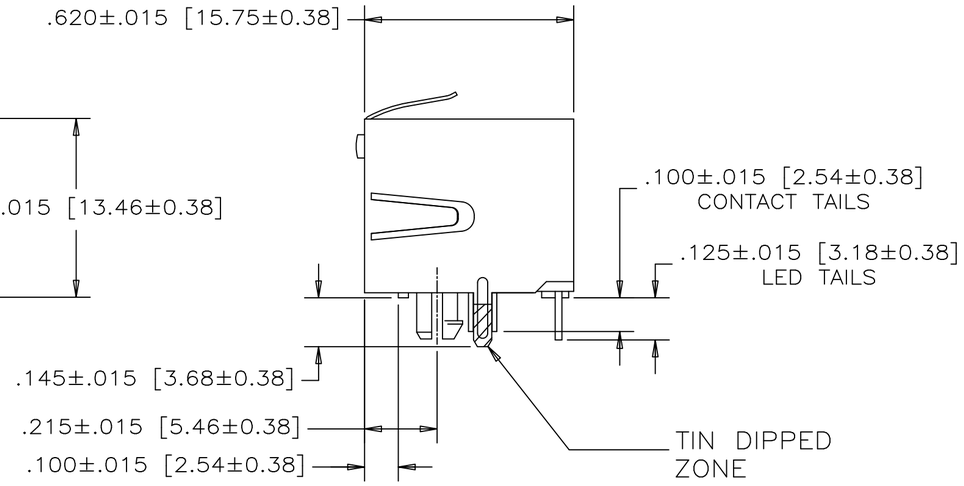
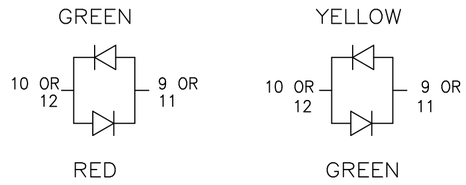
REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
D		PROPOSAL	JAN11/12	L.CHAN
E		CORRECT DASH UNDER PN	NOV 20/12	L.CHAN



FRONT VIEW

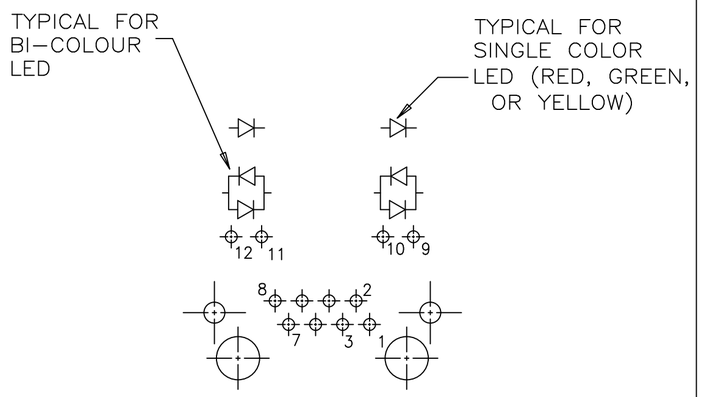


SIDE VIEW

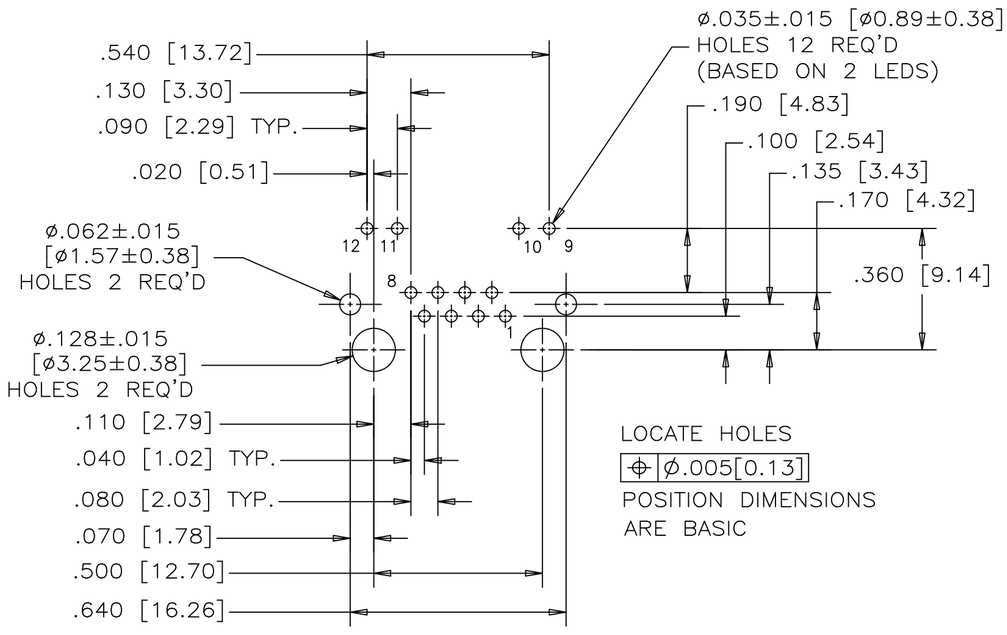


BI–COLOUR LED DETAIL

(RED/YELLOW AND GREEN/ORANGE LED'S ARE ALSO AVAILABLE)

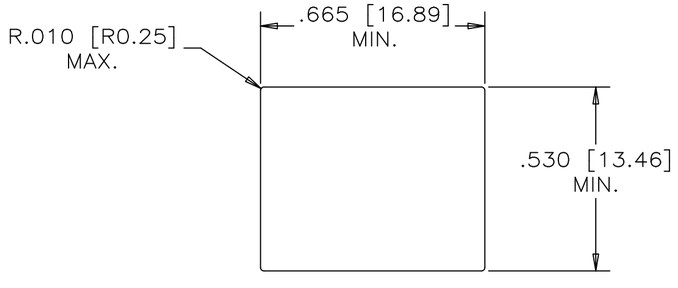


LED SCHEMATIC



RECOMMENDED P.C.B. LAYOUT

(COMPONENT SIDE OF BOARD)



RECOMMENDED PANEL CUTOUT

1. MATERIALS:
   PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC
   FLAMMABILITY RATING UL 94V–0

   CONTACTS: PHOSPHOR BRONZE
   PLATING: 50 µ" [1.27 MICRONS]
   MIN. GOLD ON MATING SURFACES.
   50 µ" [1.27 MICRONS]
   MIN. NICKEL UNDERPLATE
   100 µ" [2.54 MICRONS]
   MIN. MATTE TIN ON CONTACT TAILS.

   SHIELD: STAINLESS STEEL WITH TIN DIP ON SOLDER TAIL

2. MECHANICAL:
   MATING FORCE: 5.0 LBS MAX.
   MATING CYCLES: 750

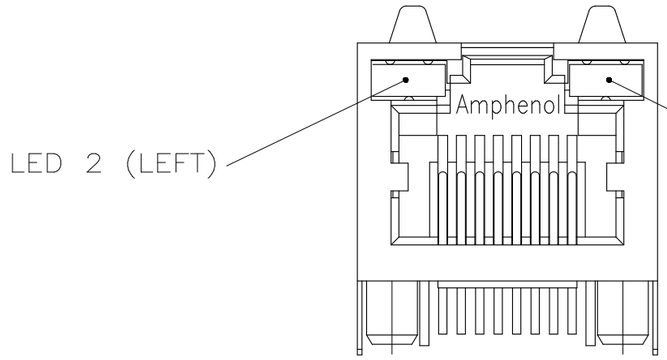
3. ELECTRICAL:
   CONTACT RESISTANCE: 20MILLIOHMS MAXIMUM
   INSULATION RESISTANCE: 500 MEGOHMS MINIMUM
   VOLTAGE RATING: 125 VOLTS AC

4. UL FILE NUMBER: E135615

   PART NUMBER: RJHSE–548X
   REFER TO LED OPTIONS DRAWING FOR ORDERING CODES

DRAWN PWANG	DATE APR24/06	Amphenol Canada Corp.
DESIGNED		TITLE: HIGH SPEED, RJ45, MODULAR JACK, 8 POSITION, 8 CONTACTS, SHIELDED, WITH LEDs – RoHS COMPLIANT
CHECKED CHIGOW	APR24/06	
I. E. APPRD.		
Q. A. APPRD.		
DWG. APPRD.		
ENG. REL. NO.		DWG DRAWING NO. P–RJHSE–548X REV. E
REF.		
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554	SCALE WT. ––––– SURF. ––––– SHEET 1 OF 1

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	SEP21/04	
B		ADD LED CODE N	AUG16/12	L.C



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: −20° TO 85° C
LEAD SOLDERING TEMPERATURE: 260° C
(5 SEC, 1/16" FROM CASE)
PLATING ON TAILS: TIN OR TIN/COPPER ALLOY OVER SILVER

EXAMPLE:

PART NUMBER RJHSE−538X
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
						W	ADDITIONAL	OPTIONS

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

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

EXAMPLE OF ADDITIONAL LED OPTIONS:

PART NUMBER RJHSE−538W−01Y
ADDITIONAL LED COLOR CODE
DENOTES ADDITIONAL LED OPTIONS TO BE USED

CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)
0	DO NOT USE		5	BLOCKED	YELLOW	E	BIC GR/YE	BIC GR/RD
1	RED	BLOCKED	6	RED	BiC RD/GR	A	LOWC YE	LOWC YE
2	BiC GR/OR	YELLOW	7	BLOCKED	BiC RD/GR	B	LOWC YE	LOWC GR
3	YELLOW	RED	8	BiC RD/GR	BLOCKED	C	LOWC GR	LOWC YE
4	BLOCKED	RED	9	BiC GR/YE	BLOCKED	D	LOWC GR	LOWC GR
						M	LOWC RD	LOWC YE

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

DRAWN K. LAMBIE	DATE SEP21/04
DESIGNED	
CHECKED	
I. E. APPRD.	
Q. A. APPRD.	
DWG. APPRD.	
ENG. REL. NO.	
REF.	
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554

Amphenol Canada Corp.

TITLE
LED OPTIONS FOR RJHSE, SINGLE OR MULTI−PORT CONNECTORS − RoHS COMPLIANT

DWG	DRAWING NO.	REV.
	P−RJHSE−LEDS	B

SCALE | WT. ——— | SURF. ——— | SHEET 1 OF 1