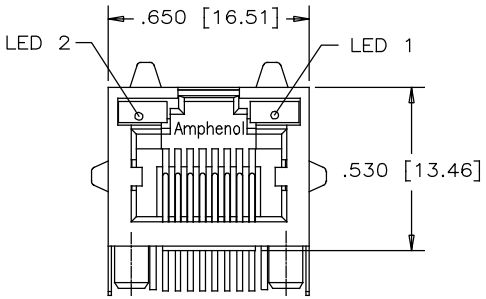
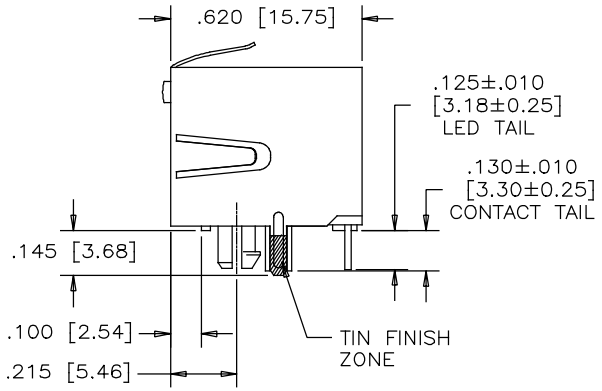
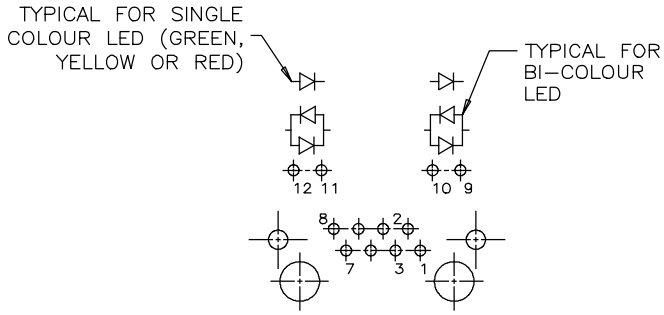
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL	MAR08/18	L.CHAN



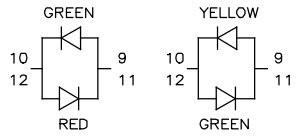
FRONT VIEW



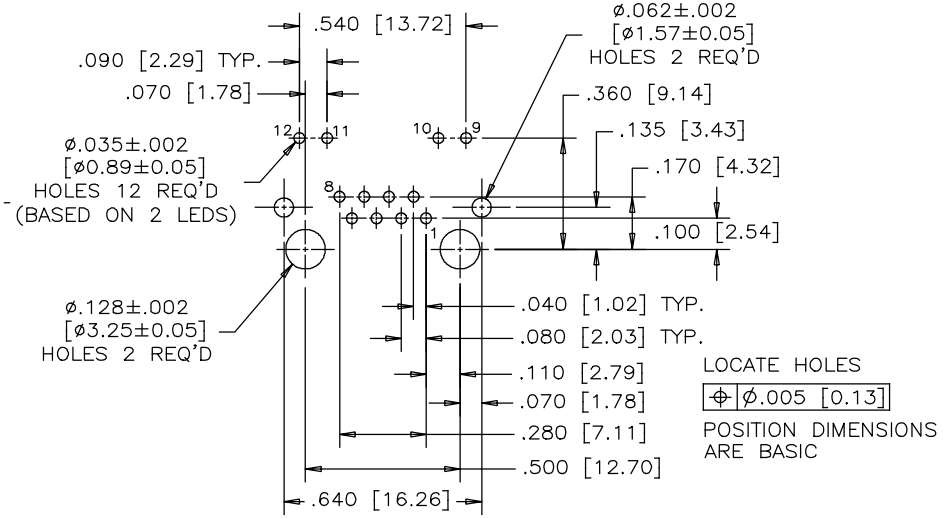
SIDE VIEW



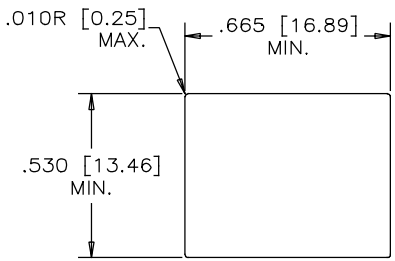
LED SCHEMATIC



BI-COLOUR LED DETAIL
(RED/YELLOW AND GREEN/ORANGE
LED'S ARE ALSO AVAILABLE)



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



RECOMMENDED PANEL CUTOUT

MATERIALS:
PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC
FLAMMABILITY RATING UL 94V-0, COLOR BLACK

CONTACTS: PHOSPHOR BRONZE
PLATING: GOLD PLATING ON MATING SURFACE.
[SEE PART NUMBER FOR THICKNESS]
50 µ" [1.27 MICRONS]
MIN. NICKEL UNDERPLATE
100 µ" [2.54 MICRONS]
MIN. MATTE TIN ON CONTACT TAILS.

SHIELD: STAINLESS STEEL WITH TIN FINISH ON SOLDER TAIL

AMPHENOL PART NUMBER: RJHSE-X48X-A1

GOLD PLATING
E=RJ45 FLAT CONTACT 6u"
G=RJ45 FLAT CONTACT 15u"
J=RJ45 FLAT CONTACT 30u"
5=RJ45 FLAT CONTACT 50u"

REFER TO LED OPTIONS
DRAWING FOR ORDERING CODES

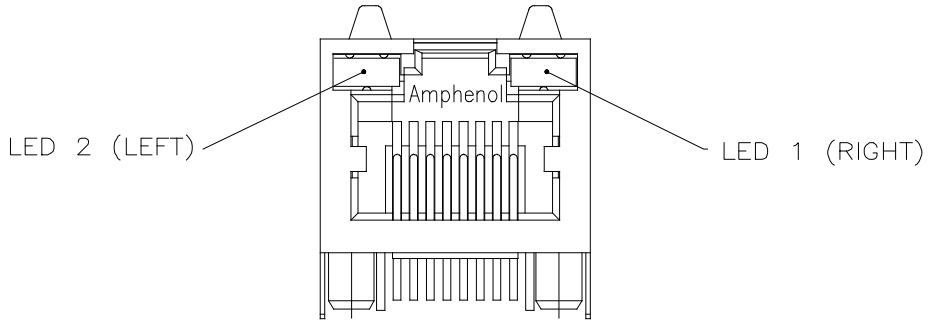
AMPHENOL CANADA CORP
RoHS COMPLIANT
2011/65/EU RECAST

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UNLESS SPECIFIED OTHERWISE	DRAWN W.QIU	DATE MAR08/18	Amphenol Canada Corp. www.amphenolcanada.com
PRIMARY UNITS INCH	CHECKED L.CHAN	MAR08/18	
SECONDARY MILLIMETER	M.E. APP'D		TITLE: SINGLE PORT HIGH SPEED MODULAR JACK CONNECTOR, SHIELDED WITH LEDS .130" LONG CONTACT TAILS – RoHS COMPLIANT
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE ±0.025	ENG. REL. NO.		
2 DECIMAL PLACES ±0.020	REF.		DWG. NO. P-RJHSE-X48X-A1 REV A
3 DECIMAL PLACES ±0.015	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 DWG SIZE: C SCALE: N/A SHEET 1 OF 1
ANGULAR DEGREES ±1.0°			

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REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
B		ADD LED CODE N	AUG16/12	L.C
C		UPDATE RoHS STAMP	AUG30/13	L.C
D		UPDATE SPEC.	MAY07/14	L.C
E		UPDATE SPEC.	APR19/17	L.CHAN



TYPICAL FOR SINGLE & MULTI-PORT

+ – (ANODE)+ –(CATHODE)

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

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
			N	BLUE	RED	M	LOWC RD	LOWC YE

LED SPECIFICATIONS:

FORWARD VOLTAGE: 2.1 VOLTS TYP.
REVERSE VOLTAGE: 5.0 VOLTS MIN.
LUMINOUS INTENSITY: 0.5 mCd MIN.
(AT If=2mA)
OPERATING TEMPERATURE: –55° TO 85° C
LEAD SOLDERING TEMPERATURE: 260° C
(5 SEC, 1/16" FROM CASE)
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

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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DRAWN K. LAMBIE	DATE SEP21/04	Amphenol Canada Corp.
DESIGNED		
CHECKED		TITLE: LED OPTIONS FOR RJHSE, SINGLE OR MULTI-PORT CONNECTORS – RoHS COMPLIANT
I. E. APPRD.		
Q. A. APPRD.		
DWG. APPRD.		
ENG. REL. NO.		DWG / DRAWING NO. P-RJHSE-LEDS / REV. E
REF.		
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554	SCALE / WT. ------ / SURF. ----- / SHEET 1 OF 1

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