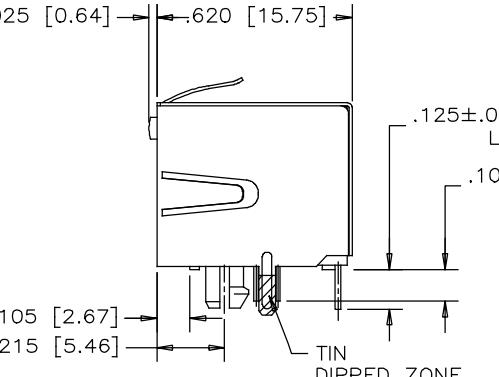
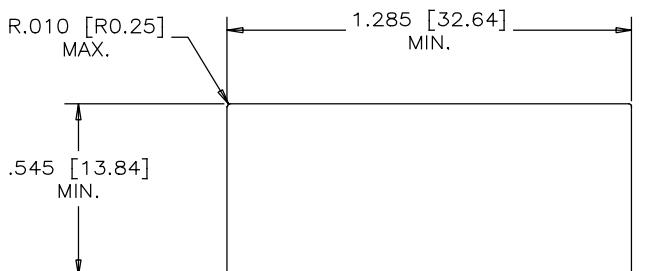
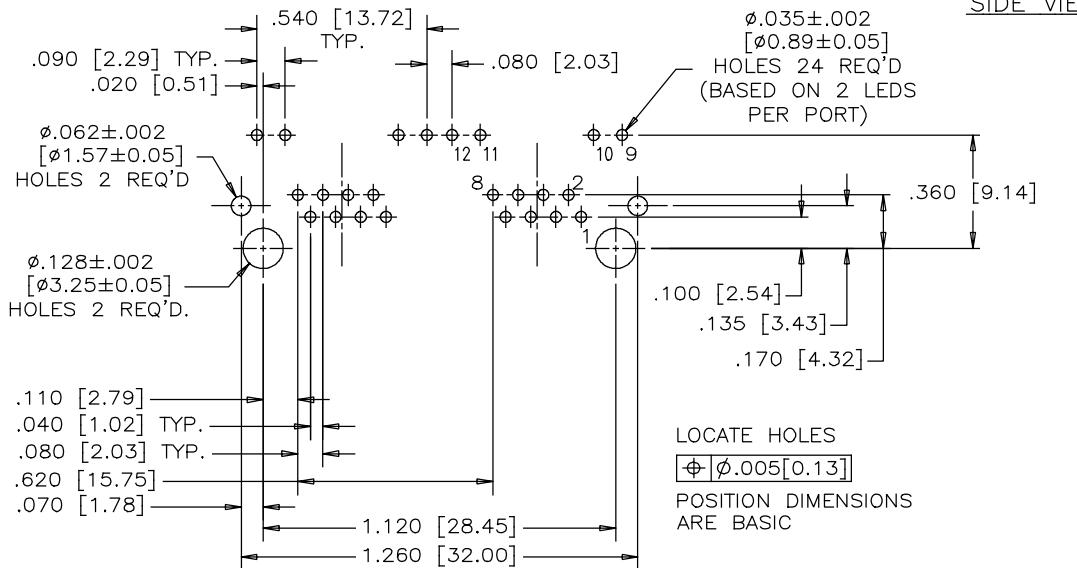


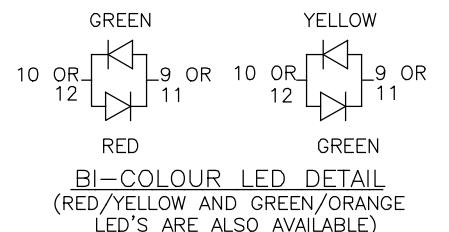
FRONT VIEW



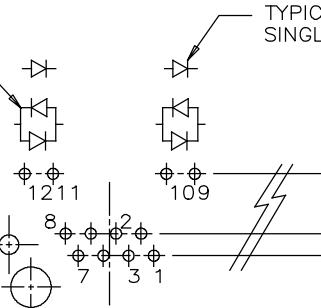
SIDE VIEW



REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
E	PROPOSAL	JUN 19/08	L.CHAN
F	UPDATED NOTES	JAN 23/15	L.CHAN



TYPICAL FOR
BI-COLOUR
LED



LED SCHEMATIC

MATERIALS:

PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC

FLAMMABILITY RATING UL 94V-0,

COLOUR: BLACK

PHOSPHOR BRONZE

PLATING: 50μ [1.27 MICRONS] MIN.

GOLD ON MATING SURFACES.

50μ [1.27 MICRONS]

MIN. NICKEL UNDERPLATE

100μ [2.54 MICRONS]

MIN. MATTE TIN ON CONTACT TAILS.

SHIELD: COPPER ALLOY

PLATING: NICKEL WITH TIN DIPPED PCB TAILS.

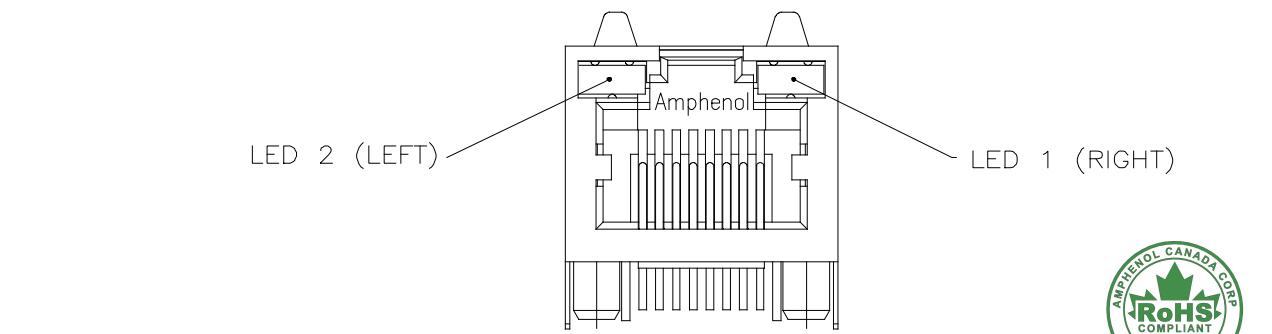
ENVIRONMENTAL:

OPERATING TEMPERATURE: -55°C TO 85°C

PART NUMBER: RJHSE-538X-02X

REFER TO LED OPTIONS DRAWING
FOR ORDERING CODES

UNLESS SPECIFIED OTHERWISE	DRAWN FRANK.WANG	DATE SEP24/14	Amphenol Canada Corp.
PRIMARY UNITS INCH	CHECKED LAWRENCE.C	SEP24/14	www.amphenolcanada.com
SECONDARY MILLIMETER	M.E. APP'D		TITLE
REFERENCE IN PARENTHESES	Q.A. APP'D		2 PORT HIGH SPEED MODULAR JACK,
GENERAL TOLERANCES	DWG APPR.		8 POSITION, 8 CONTACTS, SHIELDED
1 DECIMAL PLACE ± 0.025	ENG. REL. NO.		AND WITH LED OPTIONS - RoHS COMPLIANT
2 DECIMAL PLACES ± 0.020	REF.		DWG. NO.
3 DECIMAL PLACES ± 0.015	THIRD ANGLE PROJECTION		P-RJHSE-538X-02X
ANGULAR DEGREES $\pm 1.0^\circ$	DO NOT SCALE DRAWING		REV F
		CODE ID NO. 03554	DWG SIZE: C
		SCALE: N/A	Sheet 1 of 7



EXAMPLE:

PART NUMBER RJHSE-538X

+ \rightarrow (ANODE) - \rightarrow (CATHODE)

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
						M	LOWC RD	LOWC YE

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION
MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING
PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

REVISIONS			
SYM	ZONE	ECN, ERN NO.	DATE
A		PROPOSAL	SEPT21/04
B		ADD LED CODE N	AUG16/12 LC
C		UPDATE RoHS STAMP	AUG30/13 LC
D		UPDATE SPEC.	MAY07/14 LC

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.

DRAWN K. LAMBIE	DATE SEP21/04	Amphenol Canada Corp.					
DESIGNED							
CHECKED							
I. E. APPRD.							
Q. A. APPRD.							
DWG. APPRD.							
ENG. REL. NO.							
REF.							
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO.	03554	SCALE	WT. SURF. SHEET 1 OF 1			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[RJHSE-538W-02E](#) [RJHSE-538W-02C](#)