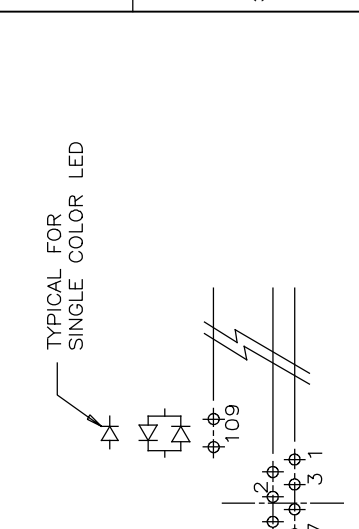
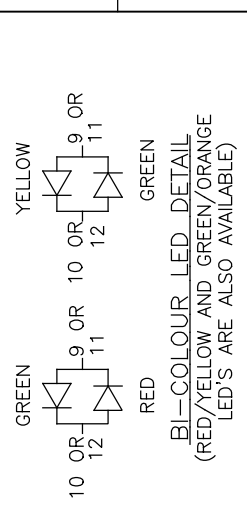
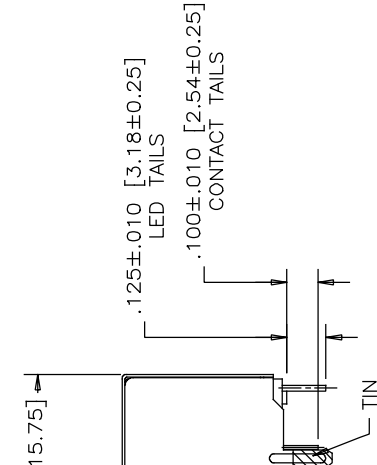


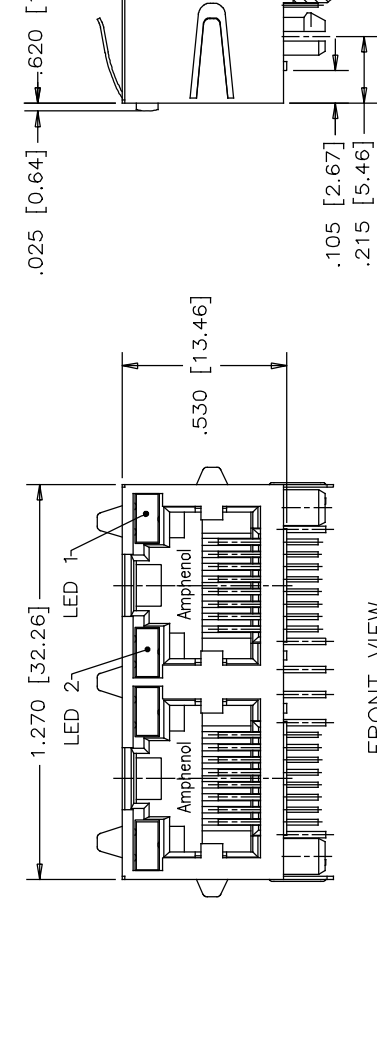
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
E	PROPOSAL	JUN 19/08	LCHAN
F	UPDATED NOTES	JAN 23/15	LCHAN
G	CHANGE SHIELD'S MATERIAL PER ECN 160658	JUN 14/16	LCHAN
H	CHANGE TO TIN FINISH	JUN 19/17	LCHAN



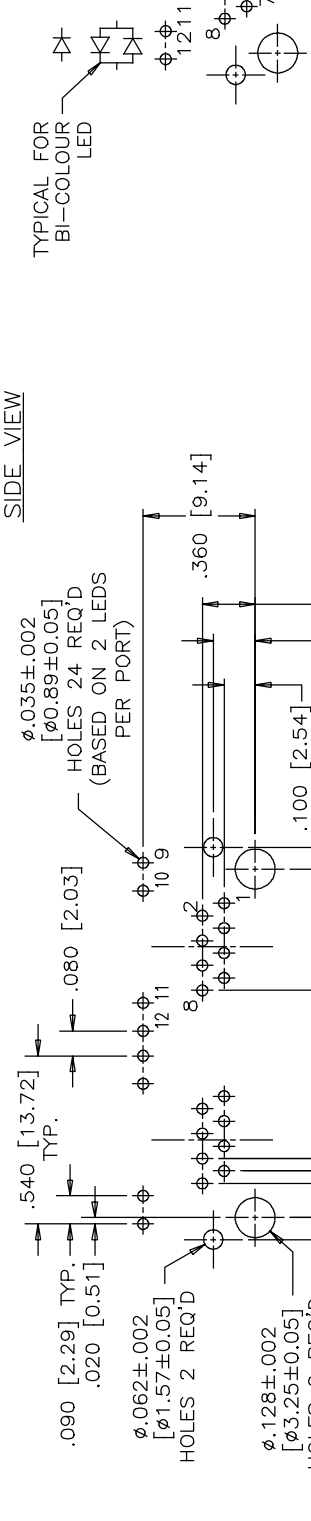
LED SCHEMATIC



SIDE VIEW



FRONT VIEW



RECOMMENDED P.C.B. LAYOUT (COMPONENT SIDE OF BOARD) TOLERANCES: +/- .002[0.05]



RECOMMENDED PANEL CUTOUT

LOCATE HOLES ϕ 0.005[0.13] POSITION DIMENSIONS ARE BASIC

MATERIALS: HIGH TEMPERATURE THERMOPLASTIC PLASTIC HOUSING: FLAMMABILITY RATING UL 94V-0, COLOUR: BLACK, PHOSPHOR BRONZE, CONTACTS: 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 FINISH ON SOLDER TAIL.

ENVIRONMENTAL: OPERATING TEMPERATURE: -55°C TO 85°C

PART NUMBER: RUHSE-538X-02X REFER TO LED OPTIONS DRAWING FOR ORDERING CODES



UNLESS SPECIFIED OTHERWISE	DRAWN	FRANK WANG	DATE	SEP24/14
PRIMARY UNITS	INCH	CHECKED	LAWRENCE C	SEP24/14
SECONDARY	MILLIMETER	M.E. APP'D		
GENERAL TOLERANCES		G.A. APP'D		
1 DECIMAL PLACE	+0.025	ENG. REL. NO.		
2 DECIMAL PLACES	+0.020	REF.		
3 DECIMAL PLACES	+0.015			
ANGULAR DEGREES	±1.0°			

REV	NO.	DESCRIPTION
H	1	P-RUHSE-538X-02X

Amphenol Canada Corp. www.amphenolcanada.com

TITLE: 2 PORT HIGH SPEED MODULAR JACK, 8 POSITION, 8 CONTACTS, SHIELDED AND WITH LED OPTIONS - RoHS COMPLIANT

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

SCALE: N/A

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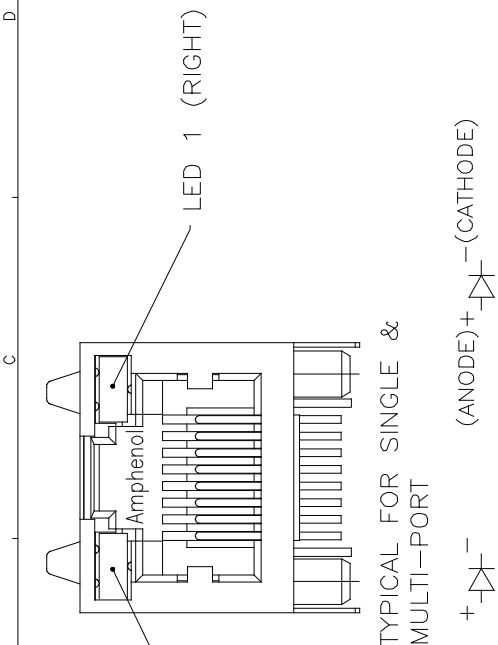
REVISIONS		DATE	APPRD.
SYM	ZONE	ECN. ERN NO.	
B		ADD LED CODE N	AUG16/12 L.C
C		UPDATE ROHS STAMP	AUG30/13 L.C
D		UPDATE SPEC.	MAY07/14 L.C
E		UPDATE SPEC.	APR19/17 L.CHAN

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.



TYPICAL FOR SINGLE &
 MULTI-PORT



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	BLOCKED	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

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 PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

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

Amphenol Canada Corp.	
TITLE LED OPTIONS FOR RJHSE, SINGLE OR MULTI-PORT CONNECTORS	
— ROHS COMPLIANT	
DWG. DRAWING NO.	P-RJHSE-LEDS
REV.	E