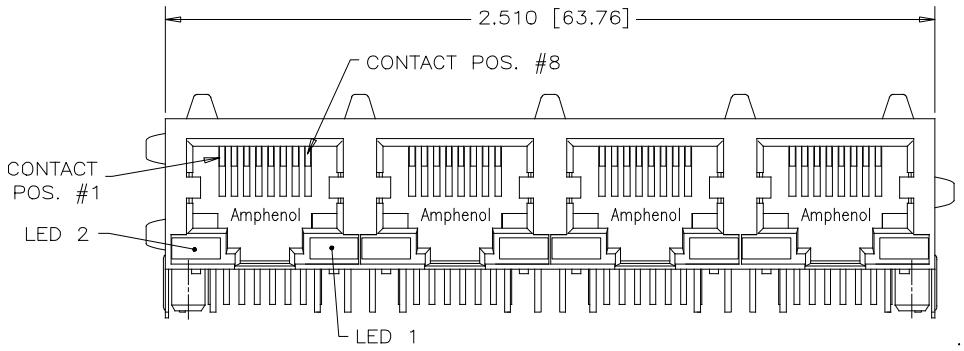
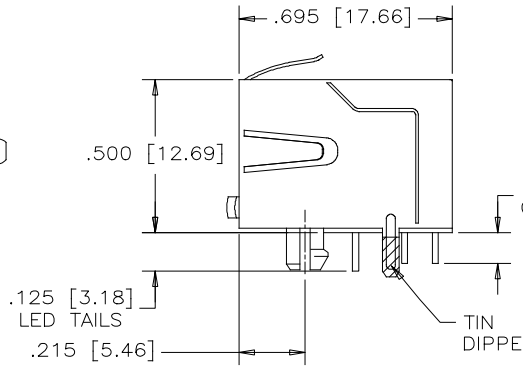
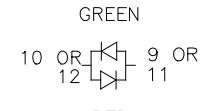
REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	JUN26/12	L.CHAN
B		PROPOSAL	JUL31/12	L.CHAN

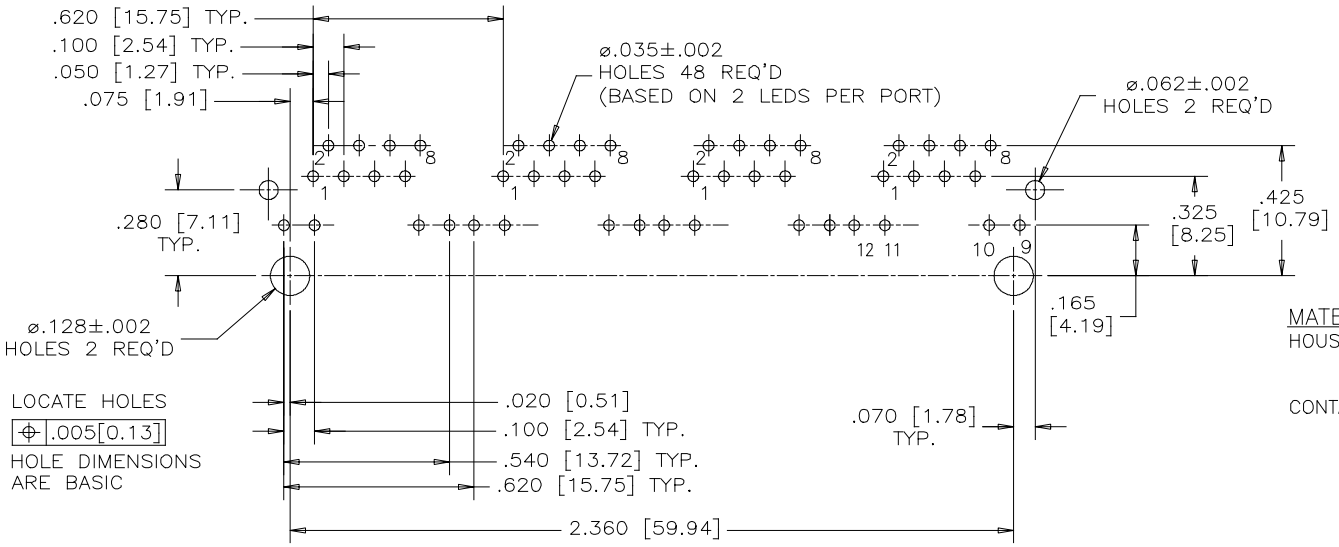






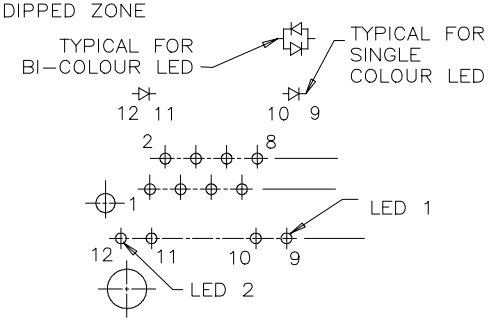
BI-COLOUR LED DETAIL

(GREEN/YELLOW, RED/YELLOW AND GREEN/ORANGE ARE ALSO AVAILABLE)



RECOMMENDED P.C.B. LAYOUT

(COMPONENT SIDE OF BOARD)



LED SCHEMATIC

MATERIALS:

HOUSING: HIGH TEMPERATURE THERMOPLASTIC.
FLAMMABILITY RATING UL 94V-0

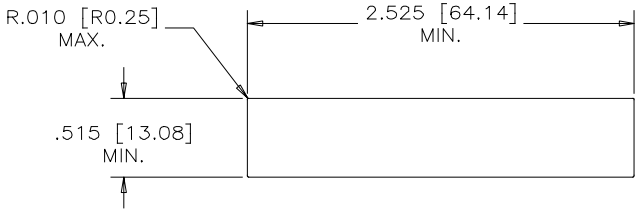
CONTACTS: PHOSPHOR BRONZE
PLATING: 50µ" [1.27 MICRONS]
MIN. GOLD OVER MATING SURFACES.
50µ" [1.27 MICRONS]
MIN. NICKEL UNDERPLATE.
100µ" MIN. GOLD FLASH ON CONTACT TAILS.

SHIELD: COPPER ALLOY
PLATING: NICKEL WITH TIN DIPPED PCB TAILS

RECOMMENDED SOLDERING TEMPERATURE:
WAVE SOLDERING AT 260°C MAXIMUM FOR 10 SEC MAXIMUM

OPERATING TEMPERATURE: -40°C TO 85°C

UNLESS OTHERWISE SPECIFIED DIMENSION TOLERANCES ARE:±0.015 [0.38]



RECOMMENDED PANEL CUTOUT

SCALE 1:2

PART NUMBER: RJSBE-538X-C4X

REFER TO LED OPTIONS DRAWING FOR ORDERING CODES

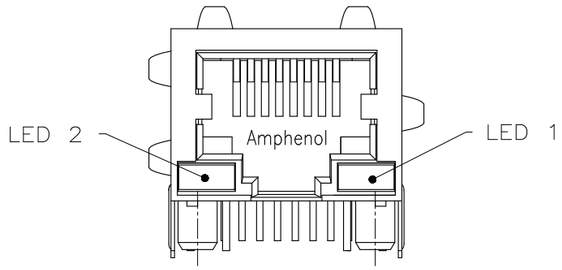
DRAWN L.CHAN	DATE AUG4/09	Amphenol Canada Corp.
DESIGNED		
CHECKED		
I. E. APPRD.		
Q. A. APPRD.		
DWG. APPRD.		
ENG. REL. NO.		
REF.		
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554	

TITLE: FOUR-PORT HIGH SPEED MODULAR JACK, 8 CONTACTS, 8 POSITIONS, WITH LEDS AND SHIELD, .050" ROW SPACING, FORWARD LED TAILS - RoHS COMPLIANT

DWG	DRAWING NO.	REV.
	P-RJSBE-538X-C4X	B

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

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	05/07/22	L.CHAN
B		ADD LED OPTION	JUN 26/12	L.CHAN
C		ADD LED OPTION	JUN 28/12	L.CHAN



TYPICAL FOR SINGLE & MULTI–PORT

Amphenol Canada Corp RoHS Compliant EU 2002/95/EC

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: –40°C TO 85° C
WAVE SOLDERING TEMPERATURE: 260° C
(5 SEC, 1/16" FROM CASE)
PLATING ON TAILS: TIN OR TIN/COPPER ALLOY OVER SILVER

EXAMPLE:
PART NUMBER RJSBE–538X–C1

LED COLOR CODE

+ –

(ANODE)+ –(CATHODE)

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

EXAMPLE OF ADDITIONAL LED OPTIONS:
PART NUMBER RJSBE–538W–C1X

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	A	LOWC YE	LOWC YE
1	RED	BLOCKED	6	RED	BiC RD/GR	B	LOWC YE	LOWC GR
2	BiC GR/OR	YELLOW	7			C	LOWC GR	LOWC YE
3	YELLOW	RED	8	BiC RD/GR	BLOCKED	D	LOWC GR	LOWC GR
4	BLOCKED	RED	9	BiC GR/YE	BLOCKED	M	LOWC RD	LOWC YE
						N	GREEN	BiC GR/OR
						E	GREEN	ORANGE
						F	ORANGE	GREEN
						P	BiC RD/YE	GREEN
						R	BiC RD/YE	BiC RD/YE

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 PAUL WANG	DATE 05/07/22	Amphenol Canada Corp.
DESIGNED		
CHECKED TERRY	05/07/22	TITLE: LED OPTIONS FOR RJSBE, SINGLE & MULTI–PORT CONNECTORS –RoHS COMPLIANT
I. E. APPRD.		
Q. A. APPRD.		
DWG. APPRD.		DWG / DRAWING NO. P–RJSBE–LEDS / REV. C
ENG. REL. NO.		
REF.		
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554	SCALE / WT. ––––– / SURF. ––––– / SHEET 1 OF 1