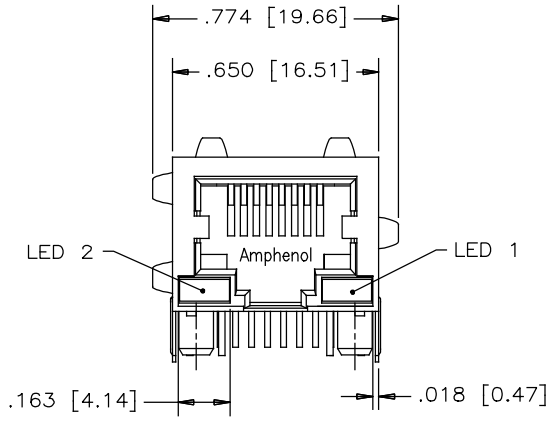
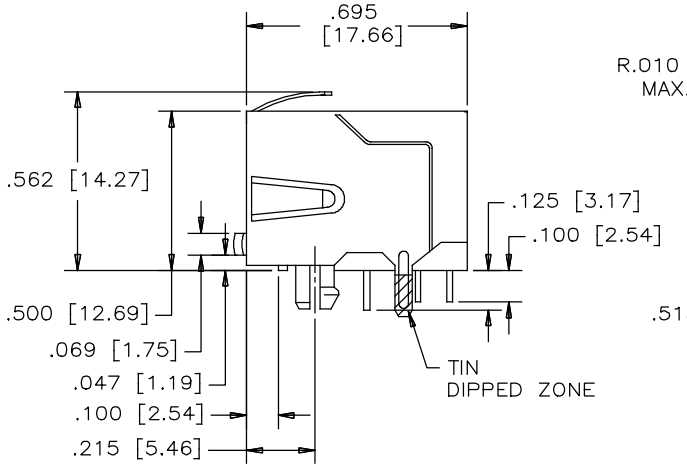
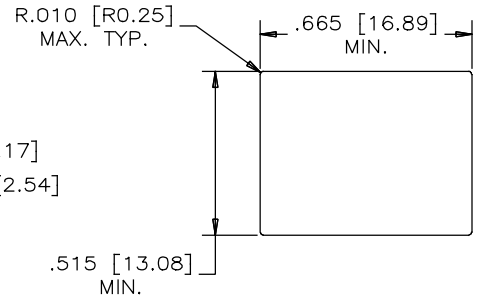
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	PROPOSAL	05/12/29	L.CHAN
C	ADD OPERATING TEMPERATURE.	MAY07/14	L.CHAN



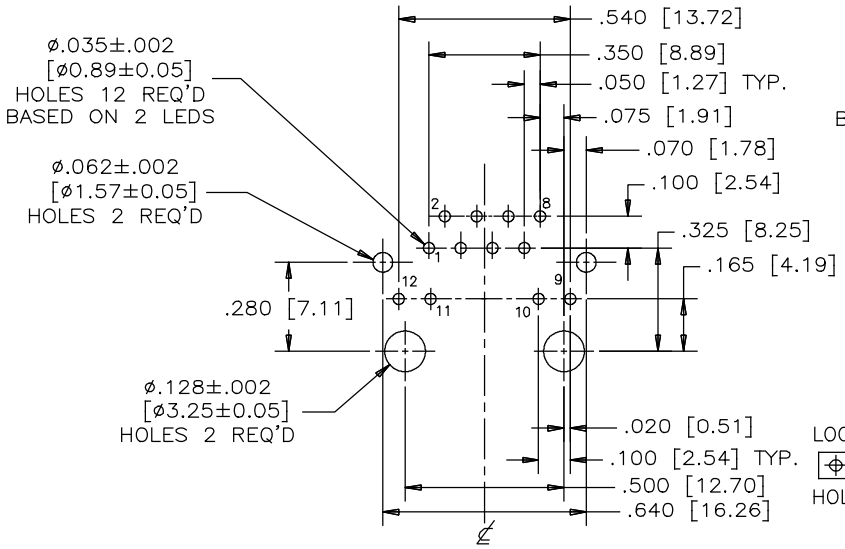
FRONT VIEW



SIDE VIEW

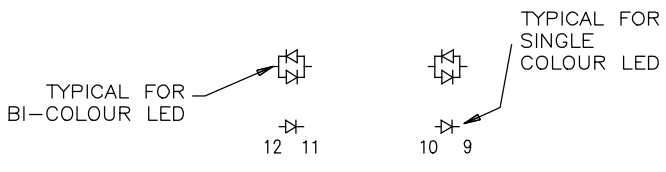


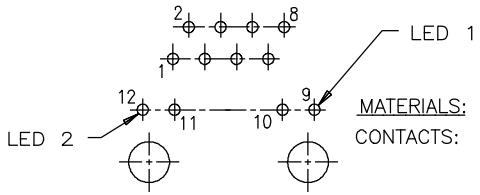
RECOMMENDED PANEL CUTOUT



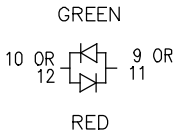
RECOMMENDED P.C.B. LAYOUT
(COMPONENT SIDE OF BOARD)

LOCATE HOLES
⌖ .005[0.13]
HOLE DIMENSIONS ARE BASIC





LED SCHEMATIC



BI-COLOUR LED DETAIL

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

MATERIALS:

CONTACTS: PHOSPHOR BRONZE, SELECTIVELY PLATED
WITH 50 MICRO" GOLD ON MATING AREAS.
50 MICRO" MIN. NICKEL OVERALL.
100 MICRO" MIN. MATTE TIN OR GOLD FLASH ON TAILS.

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

SHIELD: COPPER ALLOY

PLATING: NIVKEL WITH TIN DIPPED PCB TAILS.

OPERATING TEMPERATURE: -55°C – +85°C.

PART NO.: RJSBE-538X-C1X

REFER TO LED OPTIONS DRAWING
FOR ORDERING CODES

UNLESS SPECIFIED OTHERWISE	DRAWN PAUL WANG	05/12/29	Amphenol Canada Corp. www.amphenolcanada.com
PRIMARY UNITS INCHES	CHECKED CHIGOW	12/29/05	
SECONDARY MILLIMETERS	M.E. APP'D		MODULAR JACK, 8 POSITIONS, 8 CONTACTS, WITH LED OPTIONS, SHIELDED, – RoHS COMPLIANT
REFERENCE IN PARENTHESES	Q.A. APP'D		
	DWG APP'D		
1 DECIMAL PLACE	ENG. REL. NO.		
2 DECIMAL PLACES	REF.		DWG NO. P-RJSBE-538X-C1X REV C
3 DECIMAL PLACES ±0.015	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 DWG SIZE SCALE SHEET 1 OF 1
ANGULAR DEGREES ±1.5°			

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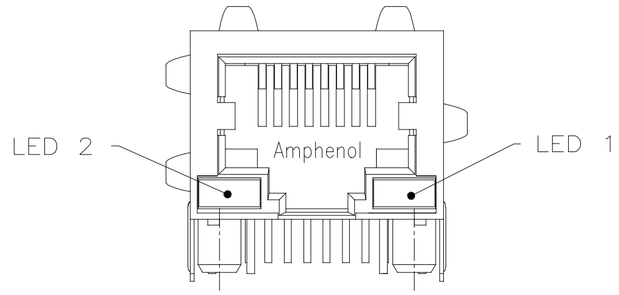
REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	05/07/22	L.CHAN
B		ADD LED OPTION	JUN 26/12	L.CHAN
C		ADD LED OPTION	JUN 28/12	L.CHAN
D		CHANGE ROHS STAMP	DEC20/12	L.CHAN



TYPICAL FOR SINGLE & MULTI–PORT

AMPHENOL CANADA CORP
RoHS COMPLIANT
2011/65/EU RECAST

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

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.

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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. D
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:

RJSBE5381C1 RJSBE508GC4 RJSBE528EC4 RJSBE5382C4 RJSBE5085C2 RJSBE528JC2 RJSBE5288C1 RJSBE5287C1 RJSBE538BC4 RJSBE508RC2 RJSBE538KC4 RJSBE5284C1 RJSBE5089C1 RJSBE508AC1 RJSBE528BC2 RJSBE508LC1 RJSBE508CC2 RJSBE528AC2 RJSBE538JC4 RJSBE528TC2 RJSBE5285C4 RJSBE528NC1 RJSBE538TC2 RJSBE5085C4 RJSBE5280C4 RJSBE5387C2 RJSBE5080C2 RJSBE508PC2 RJSBE538NC1 RJSBE5388C2 RJSBE538AC4 RJSBE5087C4 RJSBE5384C4 RJSBE5086C4 RJSBE508VC4 RJSBE538FC1 RJSBE5283C2 RJSBE508DC2 RJSBE5384C2 RJSBE528FC4 RJSBE538PC1 RJSBE508BC1 RJSBE538GC2 RJSBE528VC2 RJSBE508HC4 RJSBE528KC2 RJSBE538RC1 RJSBE538MC4 RJSBE538HC2 RJSBE538AC2 RJSBE538TC1 RJSBE528GC4 RJSBE5380C4 RJSBE5081C4 RJSBE508MC1 RJSBE528CC2 RJSBE5383C4 RJSBE528HC1 RJSBE5282C1 RJSBE5083C4 RJSBE5082C4 RJSBE5289C1 RJSBE528PC1 RJSBE5284C4 RJSBE528LC4 RJSBE508PC1 RJSBE538VC2 RJSBE538CC4 RJSBE508EC2 RJSBE5088C4 RJSBE508NC1 RJSBE508TC2 RJSBE5387C1 RJSBE5084C4 RJSBE508KC4 RJSBE528TC1 RJSBE508VC2 RJSBE528LC2 RJSBE5386C1 RJSBE5389C2 RJSBE528DC2 RJSBE5382C2 RJSBE538LC4 RJSBE508CC1 RJSBE528AC1 RJSBE508JC4 RJSBE5283C1 RJSBE508FC2 RJSBE5086C2 RJSBE528KC1 RJSBE5284C2 RJSBE5285C2 RJSBE5286C2 RJSBE508TC1 RJSBE5087C2 RJSBE508HC2 RJSBE528BC1 RJSBE528EC2 RJSBE5080C1 RJSBE528VC1