

MATERIALS:

HOUSING: ENGINEERING THERMOPLASTIC. FLAMMABILITY RATING UL 94V-0, COLOR: BLACK

CONTACTS:

PHOSPHOR BRONZE
PLATING: SELECTIVE GOLD PLATING ON MATING SURFACE, SEE PART NO. FOR THICKNESS.
50µ" [1.27 MICRONS]
MIN. NICKEL UNDERPLATE.
100µ" [2.54 MICRONS] MIN. MATTE-TIN OR GOLD FLASH ON CONTACT TAILS.

RECOMMENDED SOLDERING TEMPERATURE:

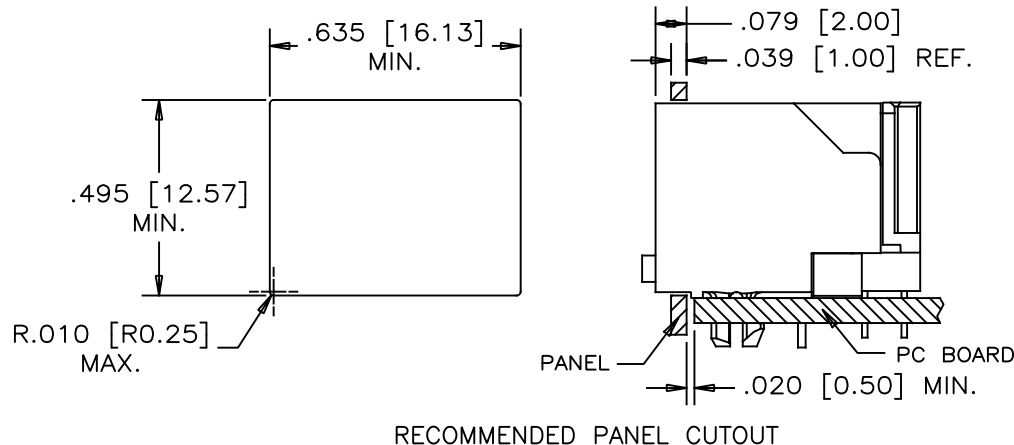
WAVE SOLDERING AT 260° MAXIMUM FOR 5~8 SECONDS.


AMPHENOL PART NUMBER: RJSBE-X08X-C1X

GOLD PLATING OPTIONS:

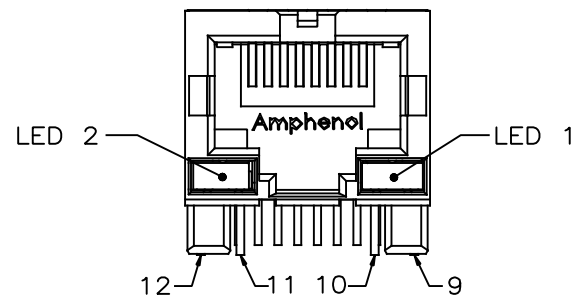
D= 6µ" GOLD PLATING
G= 15µ" GOLD PLATING
J= 30µ" GOLD PLATING
5= 50µ" GOLD PLATING

REFER TO LED OPTIONS DRAWING FOR ORDERING CODES, SEE PAGE 2



UNLESS SPECIFIED OTHERWISE		DRAWN	RONNIE.C	AUG14/20	Amphenol Canada Corp.			
PRIMARY UNITS INCHES		CHECKED	KELVIN.T	AUG14/20	Commercial Products			
SECONDARY MILLIMETERS		M.E. APP'D			SINGLE PORT MODULAR JACK, 8 POSITION, 8 CONTACTS, UNSHIELDED GOLD PLATING OPTION, WITH LED OPTIONS -RoHS COMPLIANT			
REFERENCE IN PARENTHESES		Q.A. APP'D						
GENERAL TOLERANCES		DWG APP'D			DWG NO. P-RJSBE-X08X-C1X			
1 DECIMAL PLACE		ENG. REL. NO.						
2 DECIMAL PLACES		REF.			REV A			
3 DECIMAL PLACES ±.015		THIRD ANGLE PROJECTION 						
ANGULAR DEGREES ±1.5°		DO NOT SCALE DRAWING			CODE ID NO. 03554 DWG SIZE X SCALE N/A SHEET 1 OF 2			

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL	AUG14/20	L.CHAN



TYPICAL FOR SINGLE & MULTI-PORT

EXAMPLE:

PART NUMBER RJSBE-508X-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	

EXAMPLE OF ADDITIONAL LED OPTIONS:

PART NUMBER RJSBE-508W-C1X

ADDITIONAL LED COLOR CODE

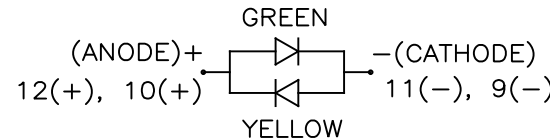
↑ DENOTES ADDITIONAL LED OPTIONS TO BE USED

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

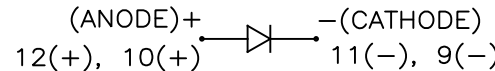


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BI-COLOUR LED
(E.G. BiC GR/YE)



SINGLE COLOUR LED



LED SCHEMATIC

LED SPECIFICATIONS:

FORWARD VOLTAGE:

1.8~2.4 VOLTS.(FOR SINGLE COLORS)

2.6~3.4 VOLTS.(FOR BI-COLORS)

REVERSE VOLTAGE: 5.0 VOLTS MAX.

LUMINOUS INTENSITY:

6~60 mcd (FOR SINGLE COLORS) (AT If=20mA)

3~15 mcd (FOR BI-COLORS) (AT If=20mA)

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

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.

UNLESS SPECIFIED OTHERWISE	DRAWN RONNIE.C	AUG14/20	Amphenol Canada Corp. Commercial Products	
PRIMARY UNITS INCHES	CHECKED KELVIN.T	AUG14/20		
SECONDARY MILLIMETERS	M.E. APP'D		SINGLE PORT MODULAR JACK, 8 POSITION, 8 CONTACTS, UNSHIELDED GOLD PLATING OPTION, WITH LED OPTIONS -RoHS COMPLIANT	
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2 DECIMAL PLACES	REF.			
3 DECIMAL PLACES ±.015	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554	DWG SIZE X SCALE N/A
ANGULAR DEGREES ±1.5°			SHEET 2 OF 2	REV A