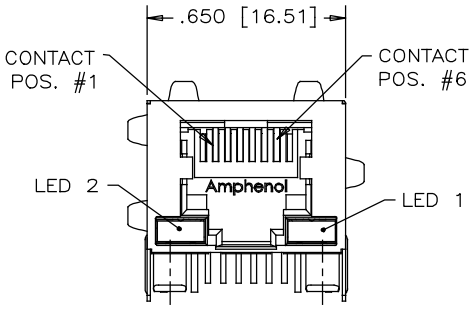
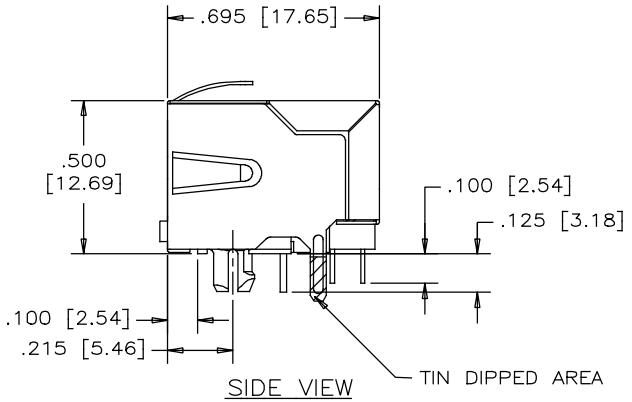
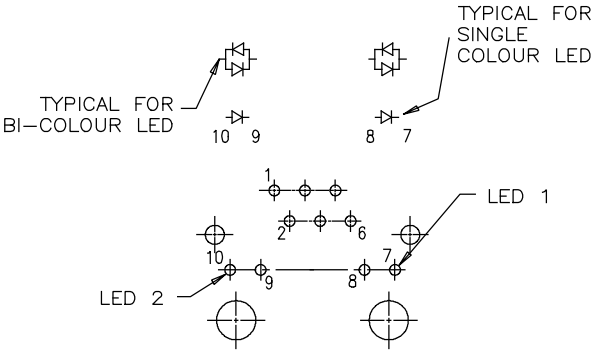
REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	AUG.24,11	L.CHAN



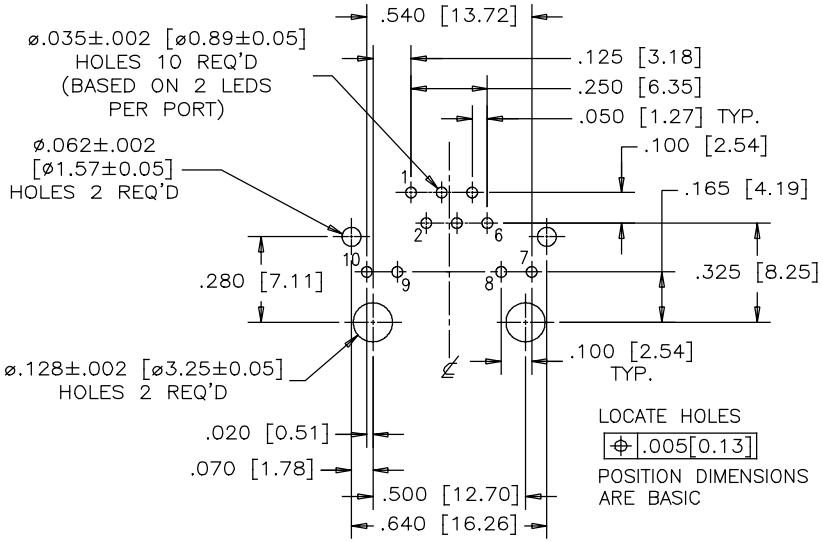
FRONT VIEW



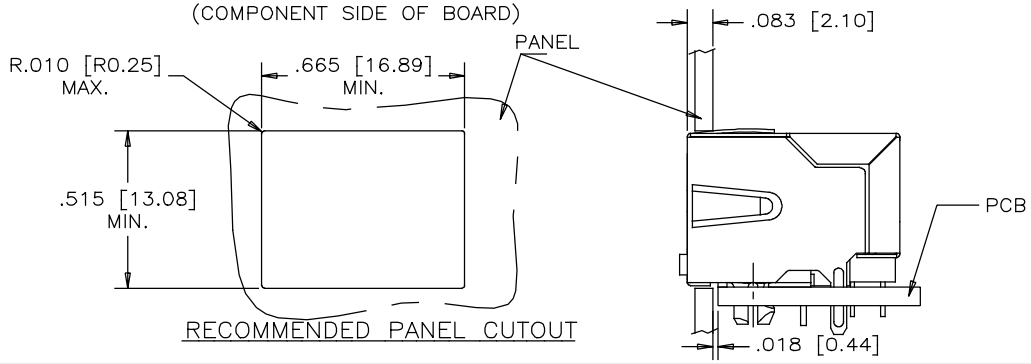
SIDE VIEW



LED SCHEMATIC



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



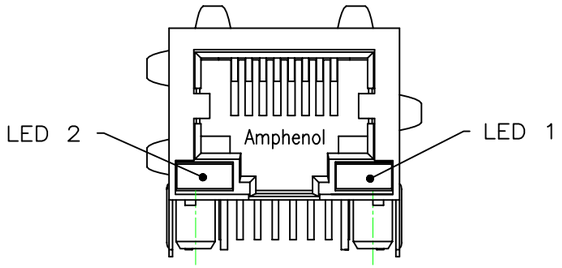
RECOMMENDED PANEL CUTOUT

1. MATERIALS:
   - CONTACTS: PHOSPHOR BRONZE, SELECTIVELY PLATED WITH 50µ" GOLD IN MATING AREAS. 50µ" MIN. NICKEL OVERALL. 100µ" MIN. MATTE TIN ON TAILS.
   - HOUSING: THERMOPLASTIC. COLOR – BLACK. FLAMMABILITY RATING UL 94V-0
   - SHIELD: COPPER ALLOY NICKEL WITH TIN DIPPED PCB TAILS
2. MECHANICAL:
   MATING FORCE: 5.0 LBS MAX.
   MATING CYCLES: 750
3. ELECTRICAL:
   CONTACT RESISTANCE: 20 MILLIOHMS MAXIMUM
   INSULATION RESISTANCE: 500 MEGOHMS MINIMUM
   CURRENT RATING: 1.5 AMPS
   VOLTAGE RATING: 125 VOLTS AC
4. ENVIRONMENTAL:
   STORAGE TEMPERATURE: –40°C to 85°C
   PACKAGING METHOD: TRAY PACKAGING
5. RECOMMENDED SOLDERING TEMPERATURE:
   WAVE SOLDERING TEMPERATURE:
   260°C FOR 5 SEC MAXIMUM
6. PART NUMBER: RJSBE-736X-C1
   REFER TO LED OPTIONS DRAWING FOR ORDERING CODES

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DRAWN G.HSIA	DATE AUG.24,11	Amphenol Canada Corp.
DESIGNED		TITLE SINGLE-PORT HIGH SPEED MODULAR JACK, 6 POSITION, 6 CONTACTS, WITH LED OPTIONS, .050" ROW SPACING, WITH SHIELD (SHIELD WITH CLOSED BACK AND WITH TOP & SIDE GROUND TABS)
CHECKED L.CHAN	AUG.24,11	
I. E. APPRD.		
Q. A. APPRD.		
DWG. APPRD.		
ENG. REL. NO.		DWG DRAWING NO. P-RJSBE-736X-C1 REV. A
REF.		
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554	SCALE WT. ——— SURF. ——— SHEET 1 OF 1

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	05/07/22	L.CHAN



TYPICAL FOR SINGLE & MULTI–PORT

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	

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	GEEEN	BiC GR/OR

LED SPECIFICATIONS:
FORWARD VOLTAGE: 2.1 VOLTS TYP.
REVERSE VOLTAGE: 5.0 VOLTS MIN.
LUMINOUS INTENSITY: 0.5 mCd MIN.
(AT If=2mA)
STORAGE TEMPERATURE: –20° 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.

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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.		
ENG. REL. NO.		DWG DRAWING NO. P–RJSBE–LEDS REV. A
REF.		
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554	SCALE WT. ––––– SURF. ––––– SHEET 1 OF 1