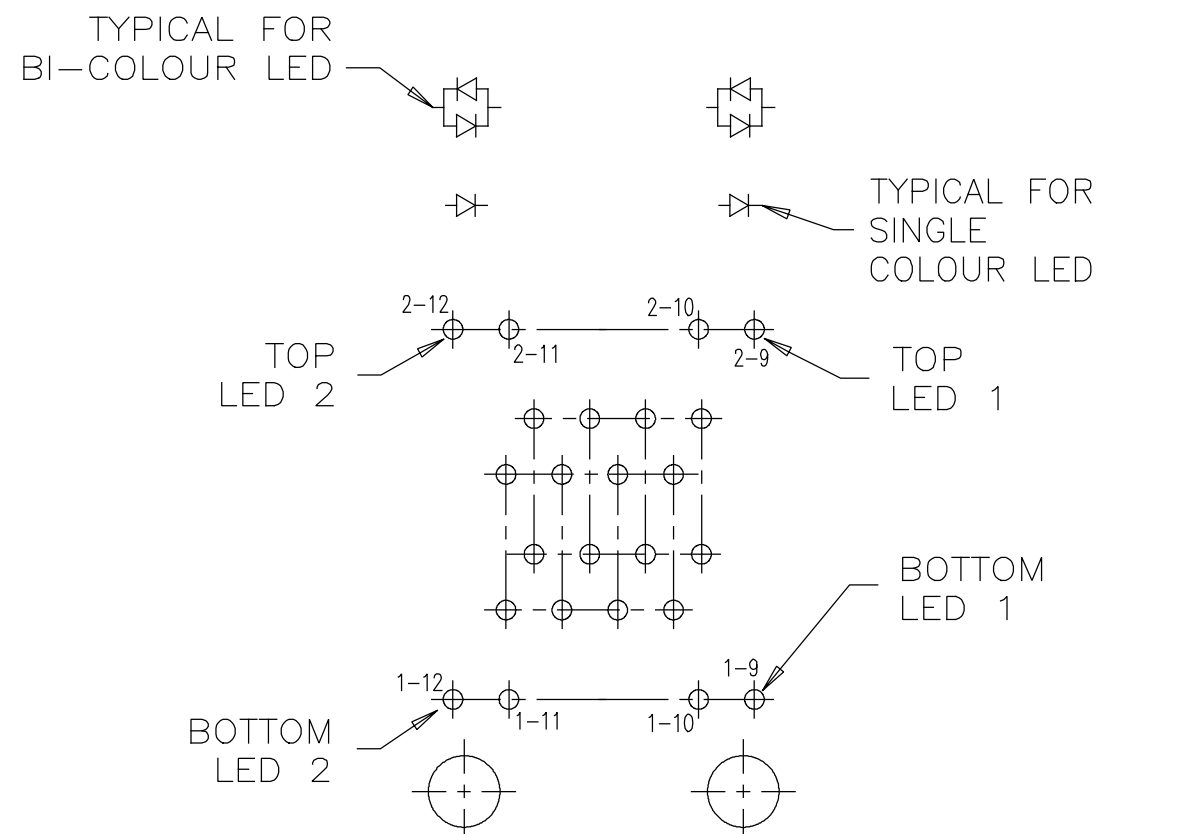
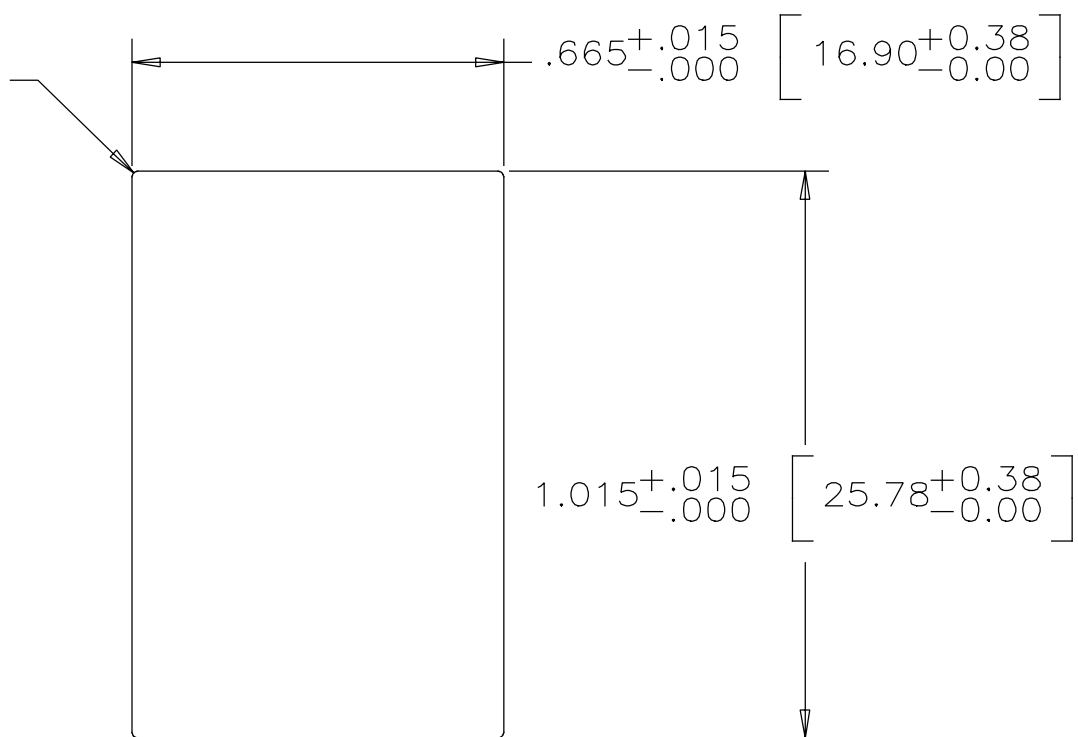
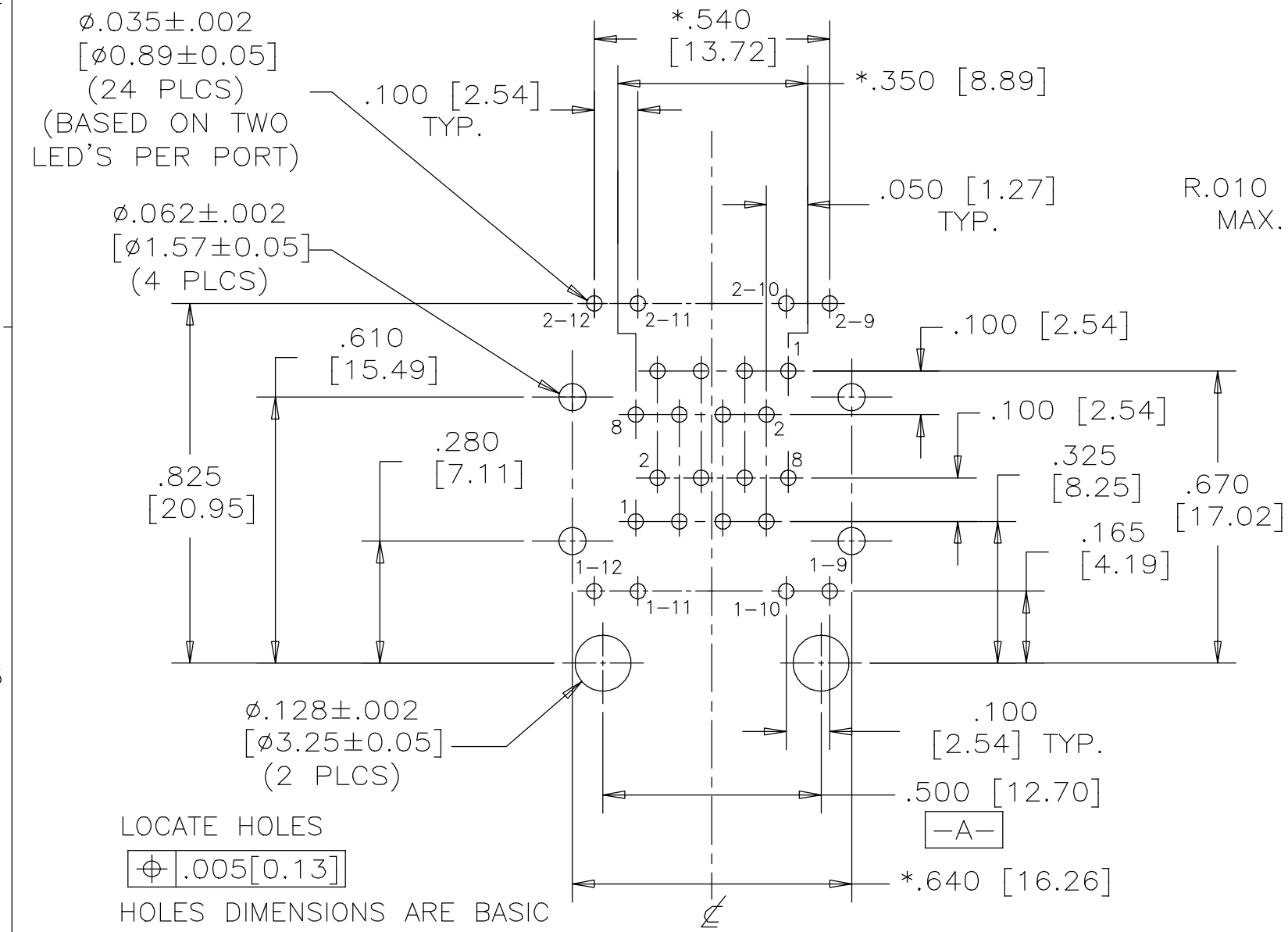
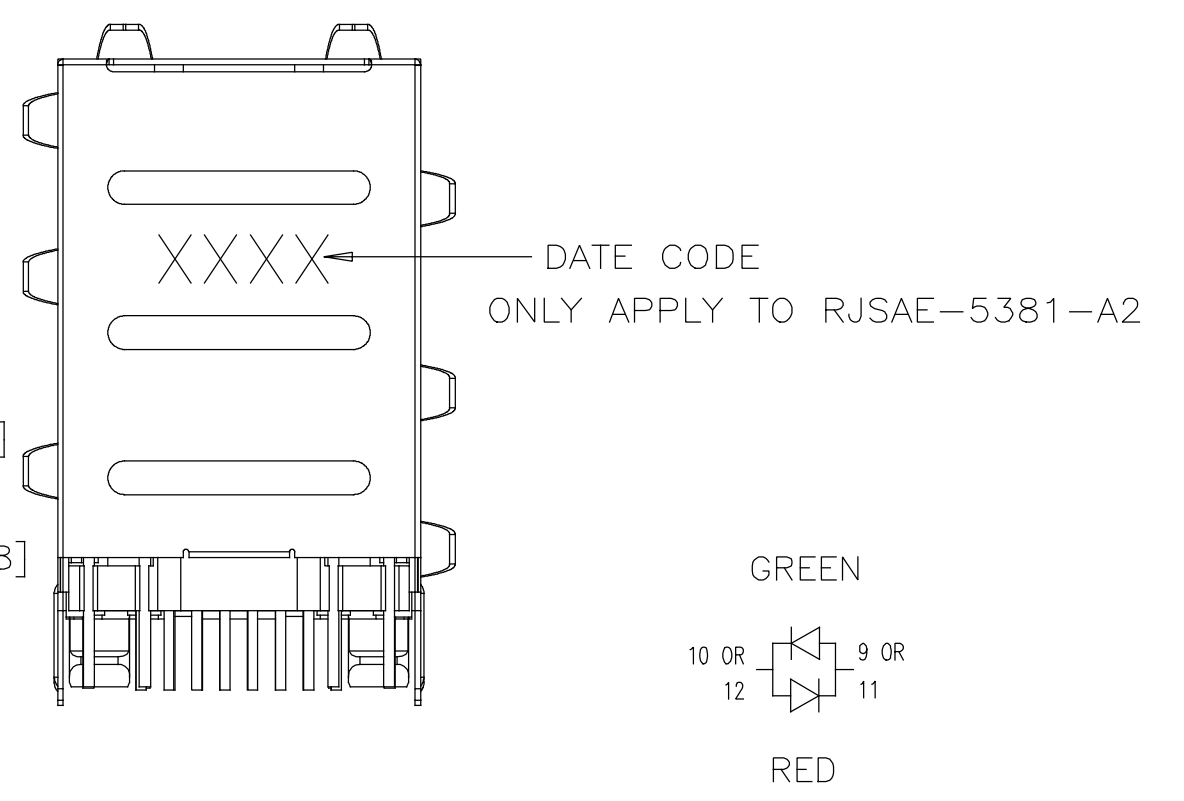
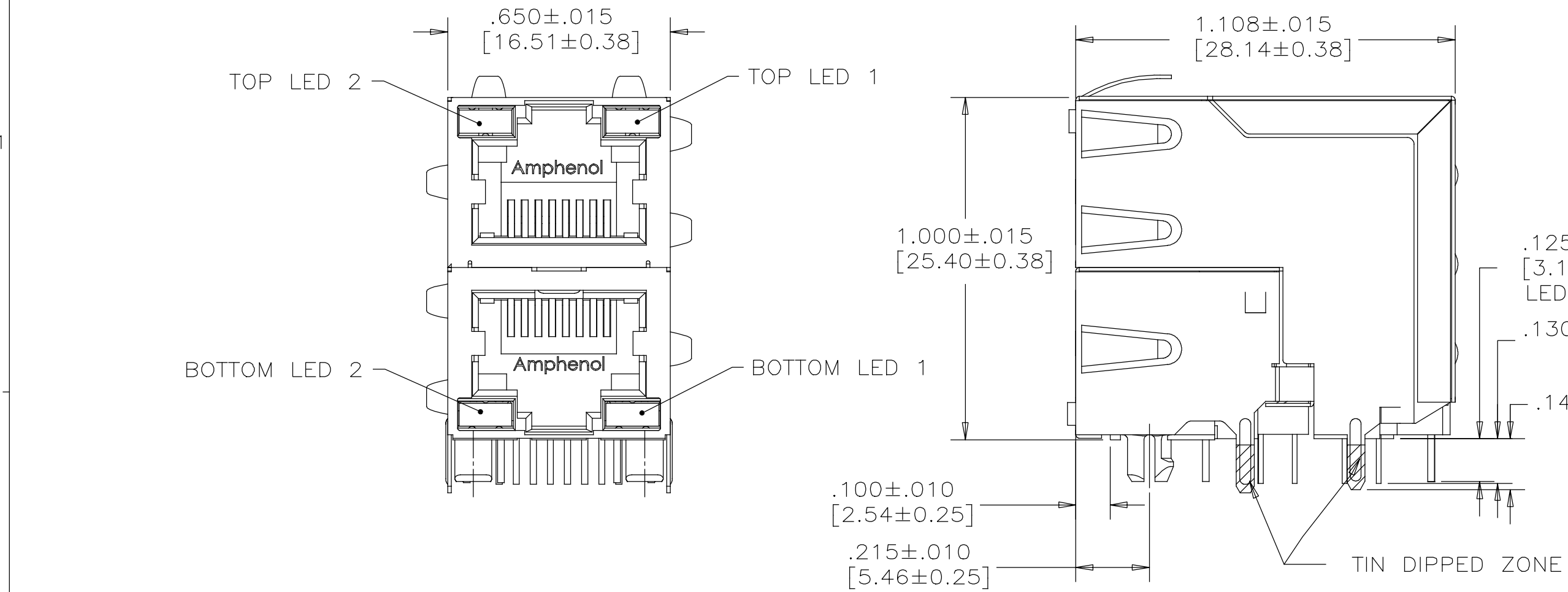


REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
G		ADD DWV & OPERATING TEMP.	JAN.19, 12	L.CHAN
H		ADD SHIELD TAIL DIM.	AUG.19, 13	L.CHAN
J		ADD TOLERANCE FOR CUT-OUT	AUG.30, 13	L.CHAN



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

DIMENSIONS MARKED WITH * ARE SYMMETRICAL ABOUT CENTER LINE AS DEFINED BY DATUM -A-

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 ENGINEER THERMOPLASTIC. COLOUR - BLACK. FLAMMABILITY RATING UL 94V-0
- SHIELD: COPPER ALLOY
PLATING: NICKEL WITH TIN DIPPED PCB TAILS.

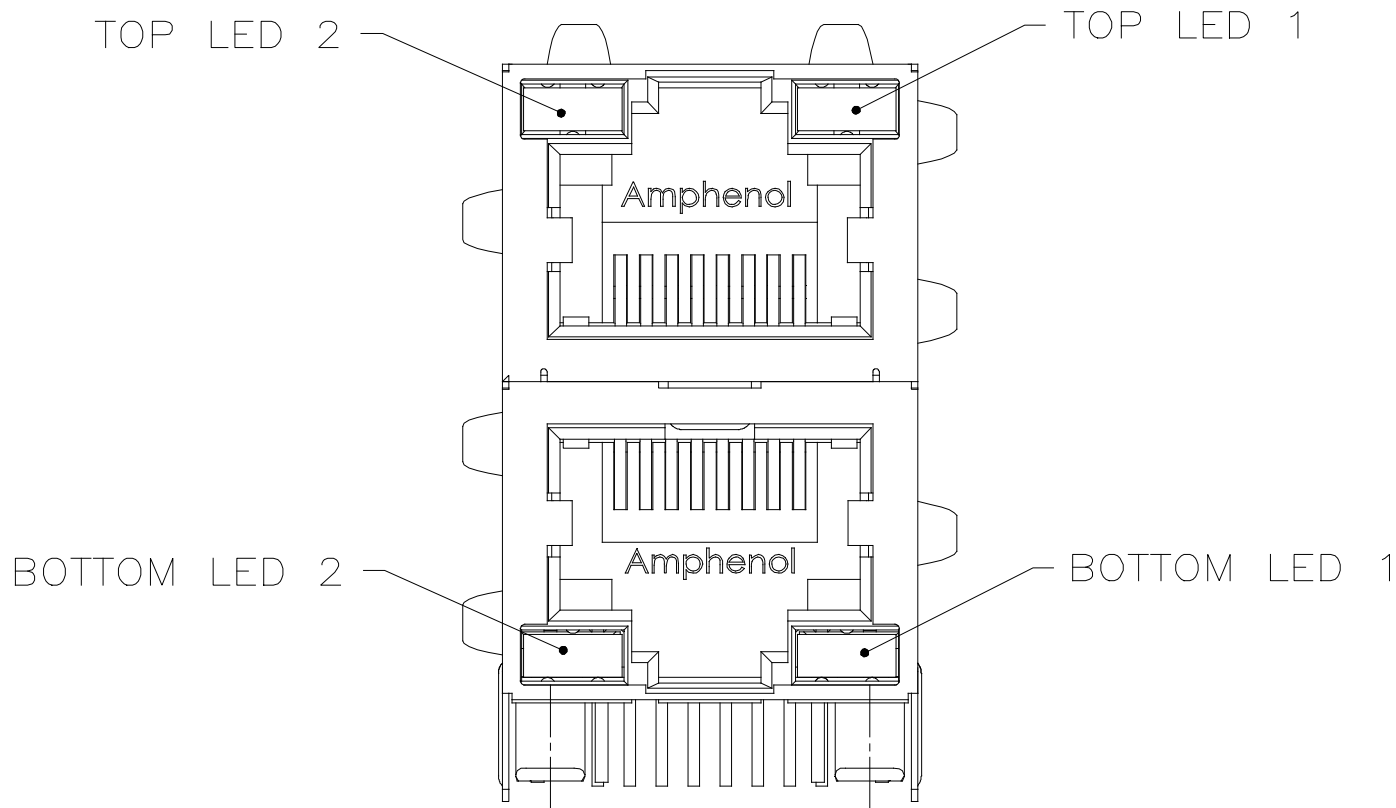
DIELECTRIC WITHSTANDING VOLTAGE:
1500 VAC RMS SIGNAL PIN TO SHIELD.
OPERATING TEMPERATURE: -55°C to +85°C

AMPHENOL PART NO.: RJSAE-538X-A2X
REFER TO LED OPTIONS DRAWING FOR ORDERING CODES

DRAWN PWANG	DATE 05/12/29	Amphenol Canada Corp.		
DESIGNED				
CHECKED CHIGOW	05/12/29			
I. E. APPRD.				
Q. A. APPRD.				
DWG. APPRD.		TITLE 2x1 STACKABLE MODULAR JACK SHIELDED, 2 PIECE CONSTRUCTION, 8 POS., 8 CONTACTS, WITH LED OPTIONS, .130 INCHES CONTACT TAIL LENGTH- RoHS COMPLIANT		
ENG. REL. NO.				
REF.		DWG	DRAWING NO. P-RJSAE-538X-A2X	REV. J
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554	SCALE	WT. -----	SURF. -----
				SHEET 1 OF 1

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REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
H		PROPOSAL	JUL04/12	L.CHAN
J		UPDATE ROHS STAMP	JAN21/13	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)
STORAGE TEMPERATURE: -40° TO 85° C
PLATING ON TAILS: TIN OR TIN/COPPER ALLOY OVER SILVER

EXAMPLE:1
PART NUMBER RJSAE-***X-**
SEE NOTE 2
LED COLOR CODE

EXAMPLE:2
PART NUMBER RJSAE-***U-**-XX
SEE NOTE 2
SPECIAL CODE FOR TOP & BOTTOM LEDS CONFIGURATION
BOTTOM ASSY LED (SAME AS STD CODE)
TOP ASSY LED (SAME AS STD CODE)
SEE NOTE 2

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				
			U	SPECIAL CODE FOR TOP & BOTTOM LEDS CONFIGURATION				

LEGEND
BiC=BI-COLOR LED
LOWC=LOW CURRENT LED
YE=YELLOW
GR=GREEN
RD=RED
OR=ORANGE

NOTES:
1. THE TWO DIGITS PRECEDING THE ADDITIONAL LED CODE MUST BE USED IN THE PART NUMBER, WHEN ORDERING ANY OF THE ADDITIONAL LED OPTIONS.
2. '*' REPRESENT DIFFERENT OPTION OF CONNECTOR, DETAIL OPTION PLEASE SEE RELEVANT CONNECTOR DRAWING.

EXAMPLE:3
PART NUMBER RJSAE-***W-**X
SEE NOTE 2
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

EXAMPLE:4
PART NUMBER RJSAE-***X-**XX*
SEE NOTE 2
LED COLOR CODE THE SAME AS EXAMPLE 1, 2, 3
LED COLOR CODE THE SAME AS EXAMPLE 1, 2, 3
SEE NOTE 2

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