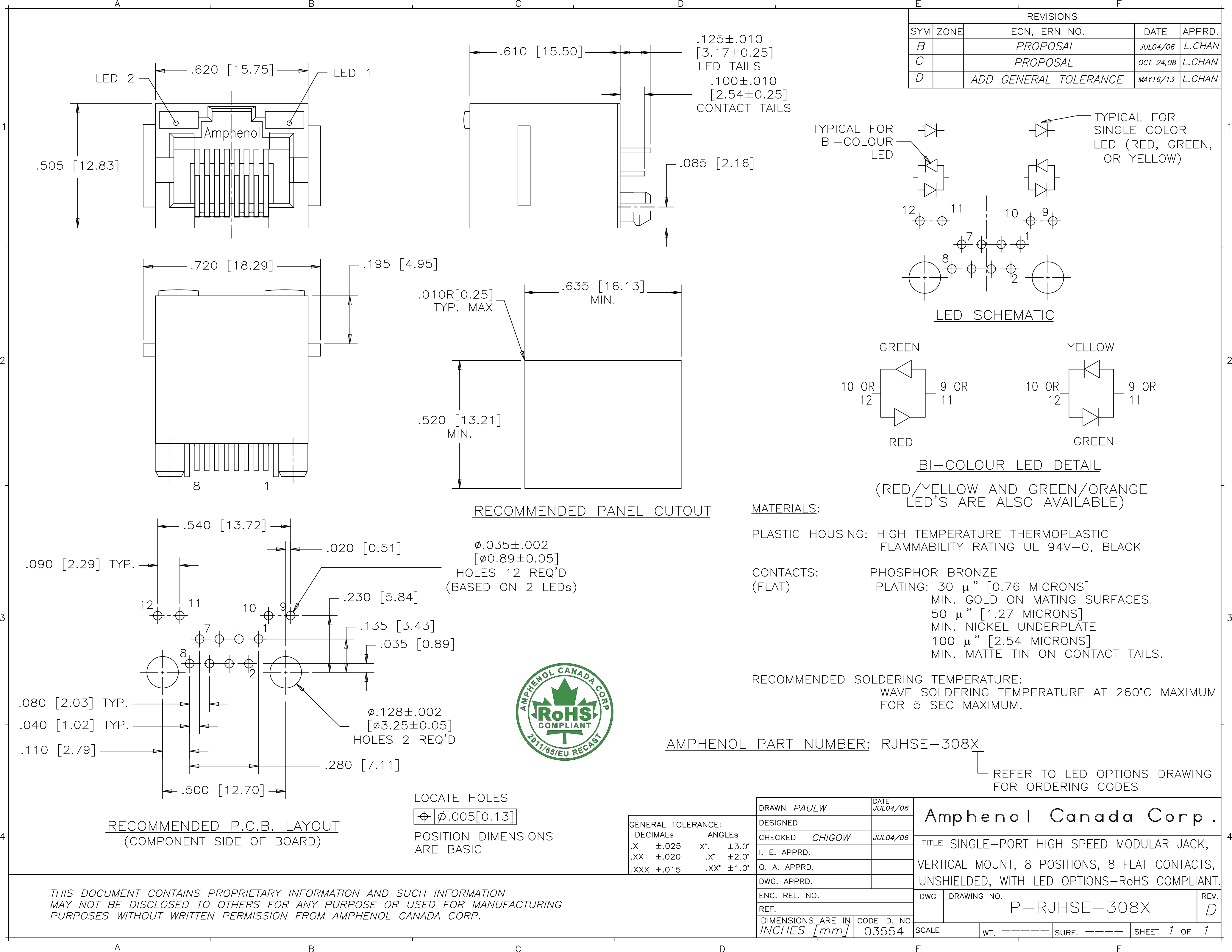
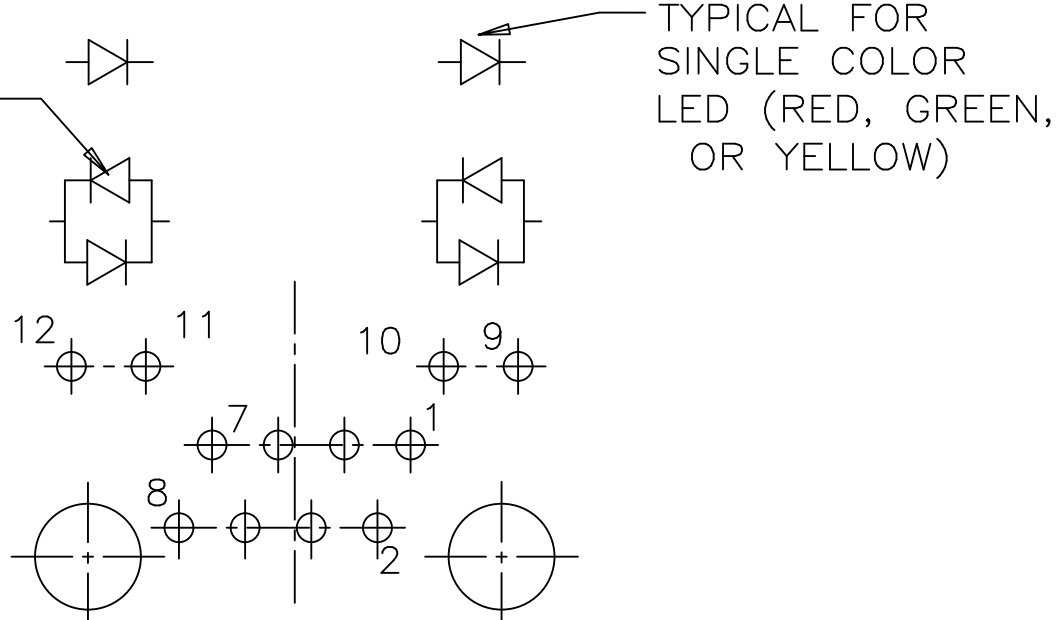
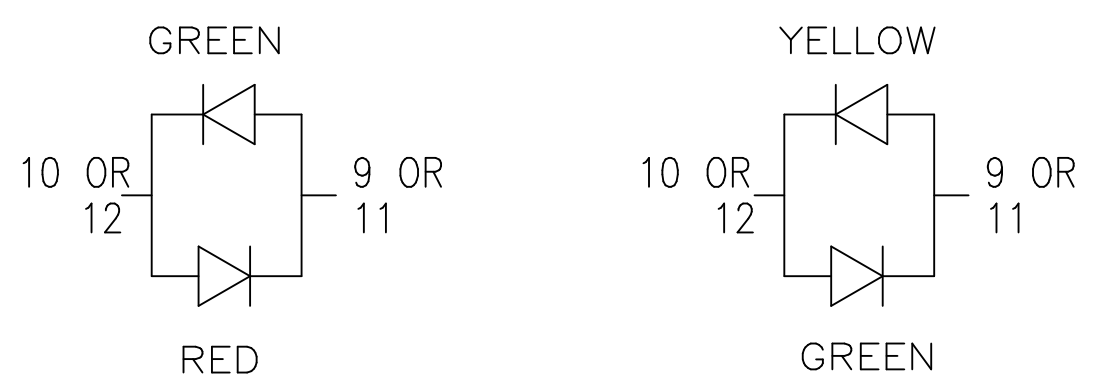




REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
B		PROPOSAL	JUL04/06	L.CHAN
C		PROPOSAL	OCT 24,08	L.CHAN
D		ADD GENERAL TOLERANCE	MAY16/13	L.CHAN



LED SCHEMATIC



BI-COLOUR LED DETAIL

(RED/YELLOW AND GREEN/ORANGE LED'S ARE ALSO AVAILABLE)

MATERIALS:

PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC
FLAMMABILITY RATING UL 94V-0, BLACK

CONTACTS: PHOSPHOR BRONZE
(FLAT) PLATING: 30 μ" [0.76 MICRONS]
MIN. GOLD ON MATING SURFACES.
50 μ" [1.27 MICRONS]
MIN. NICKEL UNDERPLATE
100 μ" [2.54 MICRONS]
MIN. MATTE TIN ON CONTACT TAILS.

RECOMMENDED SOLDERING TEMPERATURE:
WAVE SOLDERING TEMPERATURE AT 260°C MAXIMUM
FOR 5 SEC MAXIMUM.

AMPHENOL PART NUMBER: RJHSE-308X

REFER TO LED OPTIONS DRAWING
FOR ORDERING CODES



LOCATE HOLES

⌀ ⌀.005[0.13]

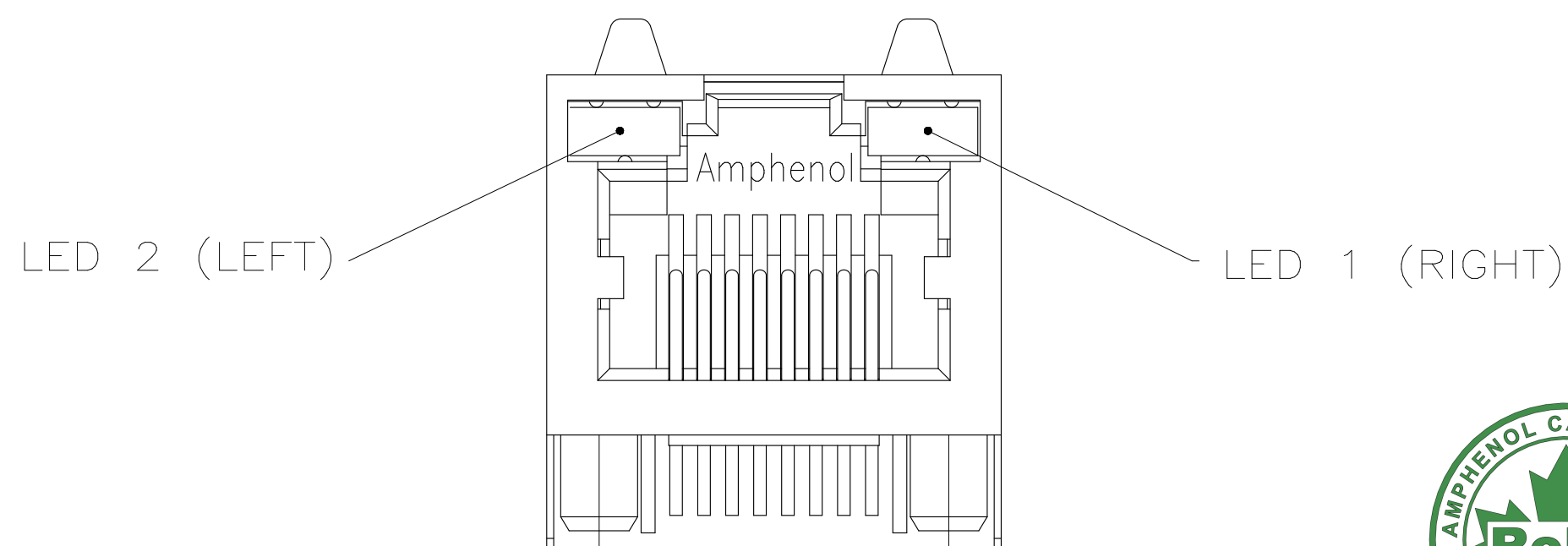
POSITION DIMENSIONS
ARE BASIC

GENERAL TOLERANCE:	
DECIMALs	ANGLEs
.X ±.025	.X° ±3.0°
.XX ±.020	.X° ±2.0°
.XXX ±.015	.XX° ±1.0°

DRAWN PAULW	DATE JUL04/06
DESIGNED	
CHECKED CHIGOW	JUL04/06
I. E. APPRD.	
Q. A. APPRD.	
DWG. APPRD.	
ENG. REL. NO.	
REF.	
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554

Amphenol Canada Corp.			
TITLE SINGLE-PORT HIGH SPEED MODULAR JACK, VERTICAL MOUNT, 8 POSITIONS, 8 FLAT CONTACTS, UNSHIELDED, WITH LED OPTIONS-RoHS COMPLIANT.			
DWG	DRAWING NO. P-RJHSE-308X		REV. D
SCALE	WT. -----	SURF. -----	SHEET 1 OF 1

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PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.



EXAMPLE:

PART NUMBER RJHSE-538X

TYPICAL FOR SINGLE &
MULTI-PORT



A circuit diagram showing a voltage divider. A voltage source V_s is in series with a resistor R_1 . This is followed by a dependent current source βi_b in parallel with a resistor R_2 . The output voltage V_o is measured across R_2 . The current i_b is the current through R_1 .

$$(\text{ANODE}) + \begin{array}{c} | \\ \diagdown \\ \triangle \\ \diagup \\ | \end{array} - (\text{CATHODE})$$

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
EXAMPLE OF ADDITIONAL LED OPTIONS						W	ADDITIONAL	OPTIONS

EXAMPLE OF ADDITIONAL LED OPTIONS:

PART NUMBER RJHSE-538W-01Y

- 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	E	BIC GR/YE	BIC GR/RD
1	RED	BLOCKED	6	RED	BiC RD/GR	A	LOWC YE	LOWC YE
2	BiC GR/OR	YELLOW	7	BLOCKED	BiC RD/GR	B	LOWC YE	LOWC GR
3	YELLOW	RED	8	BiC RD/GR	BLOCKED	C	LOWC GR	LOWC YE
4	BLOCKED	RED	9	BiC GR/YE	BLOCKED	D	LOWC GR	LOWC GR
						M	LOWC RD	LOWC YE

E		F		
REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	SEP21/04	
B		ADD LED CODE N	AUG16/12	L.C

LED SPECIFICATIONS:

FORWARD VOLTAGE: 2.1 VOLTS TYP.

REVERSE VOLTAGE: 5.0 VOLTS MIN.

LUMINOUS INTENSITY: 0.5 mCd MIN.

(AT $I_f = 2\text{mA}$)

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:

$$\text{RED} - \text{GREEN} = \text{RED}$$

RED-YELLOW= RED

GREEN-YELLOW= GREEN

GREEN-ORANGE= GREEN

LEGEND

BiC=BI-COLOR LED

LOWC=LOW CURRENT LED

YF=YELLOW

GR=GRFFN

$$RD = RFD$$

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 <i>K. LAMBIE</i>		DATE <i>SEP21/04</i>		Amphenol Canada Corp. TITLE LED OPTIONS FOR RJHSE, SINGLE OR MULTI-PORT CONNECTORS - RoHS COMPLIANT							
DESIGNED											
CHECKED											
I. E. APPRD.											
Q. A. APPRD.											
DWG. APPRD.											
ENG. REL. NO.				DWG		DRAWING NO.				REV.	
REF.						P-RJHSE-LEDS				B	
DIMENSIONS ARE IN <i>INCHES [mm]</i>		CODE ID. NO. <i>03554</i>		SCALE		WT. -----		SURF. -----		SHEET <i>1</i> OF <i>1</i>	

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