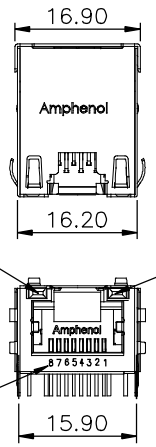
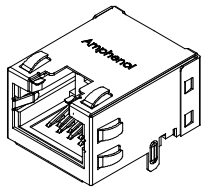
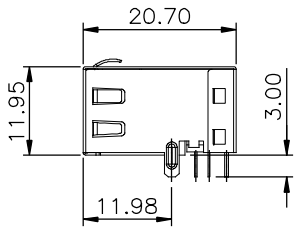
REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
A	PROPOSAL DRAWING	MAY. 26,2015	L.CHAN







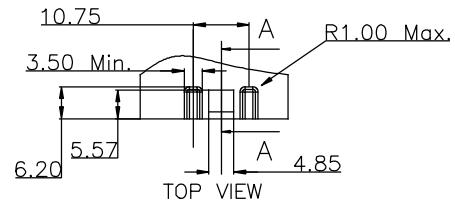
NOTES:

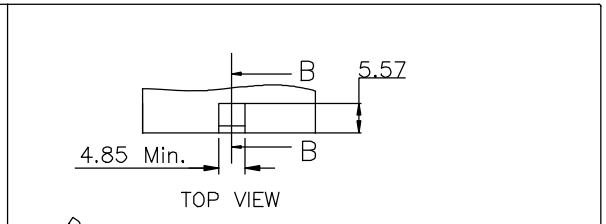
ELECTRICAL:

1. VOLTAGE RATING : 125 VAC.
2. CURRENT RATING : 1.25 AMP.
3. INSULATING RESISTANCE : 500 MEGOHMS MINIMUN.
4. DIELECTRIC STRENGTH : 1000 VAC 60Hz, 1MIN.
5. CATEGORY 6A CHARACTERISTIC:

Frequency Near-End Crosstalk Return Loss Attenuation

Frequency MHz	Near-End Cross talk dB, Min.	Return Loss dB, Min.	Insertion loss dB, Max.
1.0	75.0	30.0	0.10
4.0	75.0	30.0	0.10
8.0	75.0	30.0	0.10
10.0	74.0	30.0	0.10
16.0	69.9	30.0	0.10
20.0	68.0	30.0	0.10
25.0	66.0	30.0	0.10
31.25	64.1	30.0	0.11
62.5	58.1	30.0	0.16
100.0	54.0	28.0	0.20
200.0	48.0	22.0	0.28
250.0	46.0	20.0	0.32
300.0	42.9	18.5	0.35
400.0	37.9	16.0	0.40
500.0	34.0	14.0	0.45





MECHANICAL:

1. SHIELD : STAINLESS STEEL, WITH TIN-DIP ON SOLDER TABS.
2. HOUSING : HIGH TEMP THERMOPLASTIC. UL 94V-0.
3. INSERT : HIGH TEMP THERMOPLASTIC UL 94V-0.
4. PCB : FR-4.
5. CONTACT : PHOSPHOR BRONZE.
   30u" SELECTIVE GOLD PLATING
   FOR MATING SURFACE,
   50u" NICKEL UNDERPLATE
   100u" MATTE TIN PLATING ON CONTACT SOLDER TAIL.

ENVIRONMENTAL:

1. STORAGE : -40° TO +85°.
2. OPERATION : -40° TO +85°.

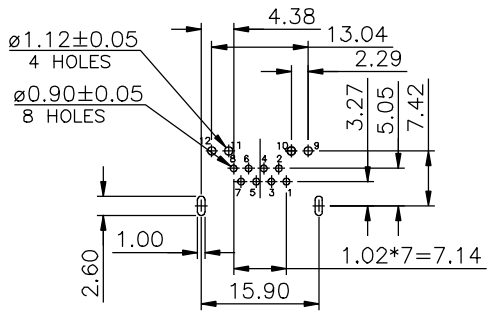
MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

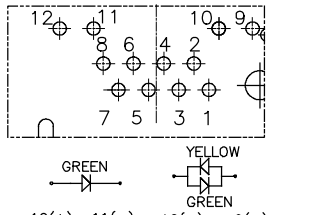
RECOMMENDED SOLDER PROCESS: WAVE SOLDER, PEAK TEMPERATURE 260° FOR 10 SECOND.

AMPHENOL PART NUMBER: RJE50-188-1XX1

GOLD PLATING OPTION — REFER TO LED OPTIONS DRAWING P-RJE50-LEDS FOR ORDERING CODES

1=6u" [0.15 MICRONS] GOLD PLATING
2=15u" [0.38 MICRONS] GOLD PLATING
3=30u" [0.76 MICRONS] GOLD PLATING
4=50u" [1.27 MICRONS] GOLD PLATING





LED SPECIFICATIONS:

FORWARD VOLTAGE: 2.2 VOLTS TYP
REVERSE VOLTAGE: 5.0 VOLTS
LUMINOUS INTENSITY: 4 mcd MIN. (AT IF =20mA)

UNLESS OTHERWUSE SOECIFIED
DIMENSION ARE IN mm
FRACTION DECIMALs ANGLEs

.X ±0.50	X° ±3.0°
.XX ±0.30	.X° ±2.0°
.XXX ±0.10	.XX° ±1.0°

3rd ANGLE PROJECTION

DRAWN	JUSTIN.FENG	DATE MAY26/2015
DESIGNED	JUSTIN.FENG	MAY26/2015
CHECKED	L.CHAN	MAY26/2015
I. E. APPRD.		
Q. A. APPRD.		
DWG. APPRD.		
ENG. REL. NO.		
REF.		
DIMENSIONS ARE IN mm	CODE ID. NO. 03554	

Amphenol Canada Corp.

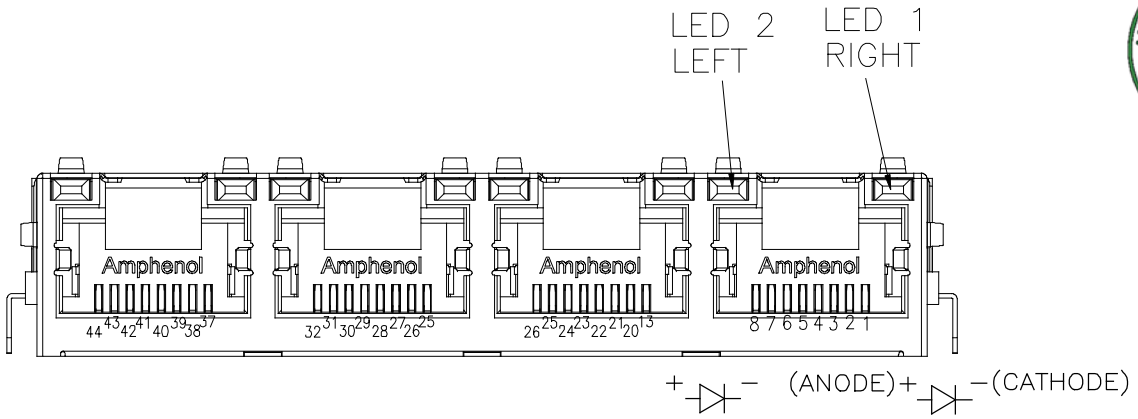
TITLE
MODULAR JACK, SINGLE PORTS, 8 POSITIONS, 8 CONTACTS, SHIELDED WITH TOP & SIDE TABS, WITH LED, TAB UP, CAT6A-RoHS COMPLIANT

DWG	DRAWING NO.	REV.
C	P-RJE50-188-1XX1	A

SCALE 4/1 | WT. ——— | SURF. ——— | SHEET 1 OF 1

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REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING	MAY26/15	L.CHAN



TYPICAL FOR SINGLE & MULTI−PORT

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
LEAD SOLDERING TEMPERATURE: 260° C
(5 SEC, 1/16" FROM CASE)
PLATING ON TAILS: TIN OR TIN/COPPER ALLOY OVER SILVER

EXAMPLE:
PART NUMBER RJE50−488−1XX1
LED COLOR CODE

PRIMARY COLOR FOR BI−COLOR LEDS IN STANDARD ANODE/CATHODE CONFIGURATION IS:
RED−GREEN= RED
RED−YELLOW= RED
GREEN−YELLOW= GREEN
GREEN−ORANGE= GREEN

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	P	GREEN	BiC RD/GR
5	GREEN	GREEN	E	YELLOW	BiC GR/YE	R	BiC GR/OR	GREEN
6	YELLOW	YELLOW	F	BiC GR/YE	YELLOW	T	RED	RED
7	RED	GREEN	G	BiC GR/OR	BiC GR/OR	V	BiC RD/GR	GREEN
8	GREEN	RED	H	BiC GR/YE	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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UNLESS SPECIFIED OTHERWISE	DRAWN Justin Feng	MAY26/15	Amphenol Canada Corp. www.amphenolcanada.com
PRIMARY UNITS MILLIMETERS	CHECKED L.Chan	MAY26/15	
SECONDARY INCHES	M.E. APP'D		TITLE: LED OPTIONS FOR RJE50, SINGLE OR MULTI−PORT CONNECTORS−ROHS COMPLIANT
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES FOR MM	DWG APP'D		
1 DECIMAL PLACE ±0.38	ENG. REL. NO.		
2 DECIMAL PLACE ±0.25	REF.		DWG NO. P−RJE50−LEDs REV A
3 DECIMAL PLACE ±0.13	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 | DWG SIZE: C | SCALE: N/A | SHEET 1 OF 1
ANGULAR DEGREES ±1.5°			