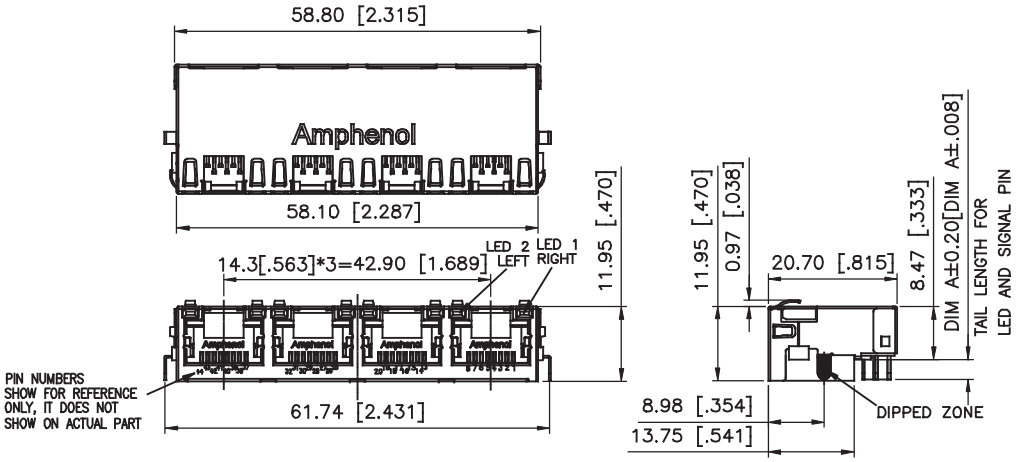
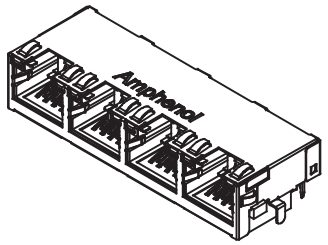
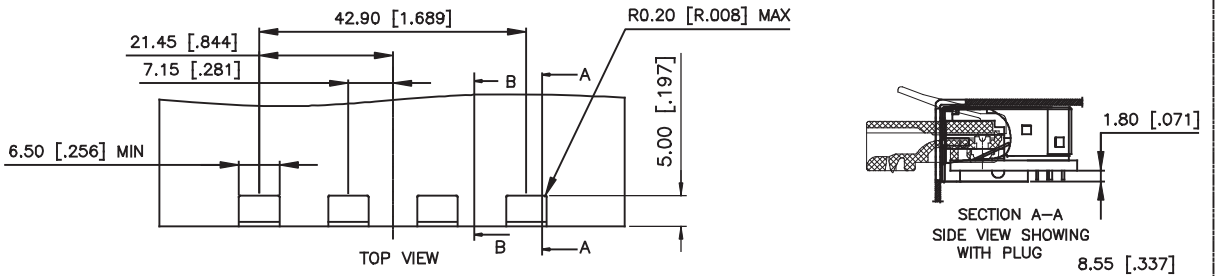
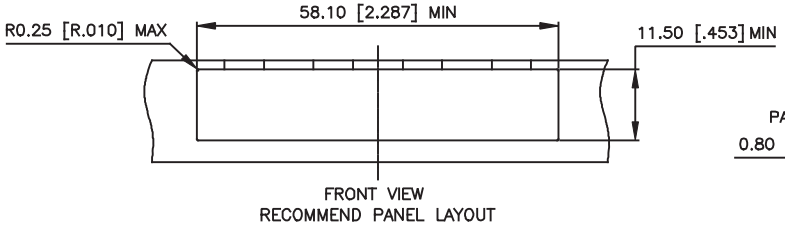
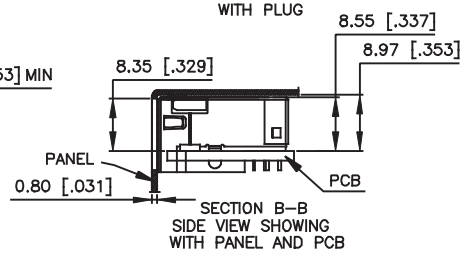
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING	OCT30,2012	L.CHAN
B	PROPOSAL DRAWING	OCT31,2012	L.CHAN
C	ADD THE INCH DIMENSIONS	MAY7,2013	L.CHAN

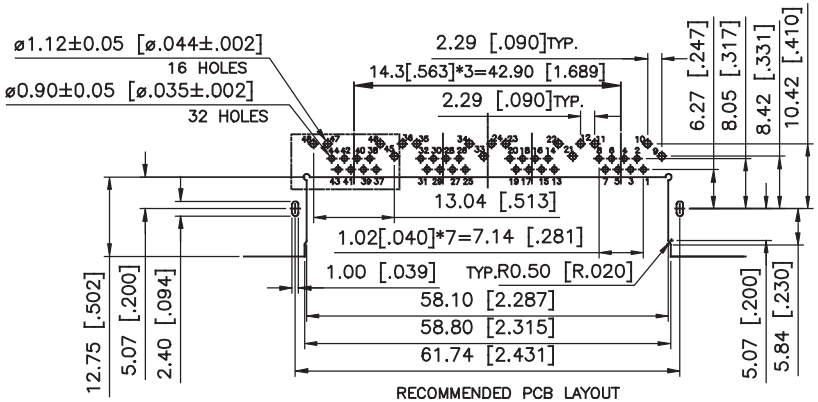


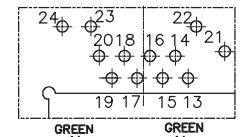












NOTES:

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 6 CHARACTERISTIC:

Frequency Near–End Crosstalk Return Loss Insertion loss

MHz	dB, MIN.	dB, MIN.	dB, MAX.
1.0	75.0	30.0	0.1
4.0	75.0	30.0	0.1
8.0	75.0	30.0	0.1
10.0	74.0	30.0	0.1
16.0	69.9	30.0	0.1
20.0	68.0	30.0	0.1
25.0	66.0	30.0	0.1
31.25	64.1	30.0	0.11
62.5	58.1	28.1	0.16
100.0	54.0	24.0	0.20
200.0	48.0	18.0	0.28
250.0	46.0	16.0	0.32

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. SELECTIVE GOLD PLATING FOR MATING SURFACE, SEE AMPHENOL PART NUMBER FOR DETAIL. 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: RJE71–488–1XXX
- GOLD PLATING OPTION
  - 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
- OPTIONS (SEE BELOW TABLE 1) REFER TO LED OPTIONS DRAWING FOR ORDERING CODES

TABLE 1

RJE714881XX1	3.18[.125]	2.36[.093]
RJE714881XX2	2.27[.089]	1.57[.062]
RJE714881XX3	2.16[.085]	1.57[.062]
AMPHENOL P/N:	DIM A	RECOMMEND PCB THICKNESS

UNLESS SPECIFIED OTHERWISE	DRAWN	HUGH WANG	OCT 30.2012
PRIMARY UNITS MILLIMETERS	CHECKED	L.CHAN	OCT 30.2012
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES FOR MM	DWG APP'D	ADRIAN.G	OCT 30.2012
1 DECIMAL PLACE ±0.50	ENG. REL. NO.		
2 DECIMAL PLACE ±0.30	REF.		
3 DECIMAL PLACE ±0.10	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING
ANGULAR DEGREES ±3°			

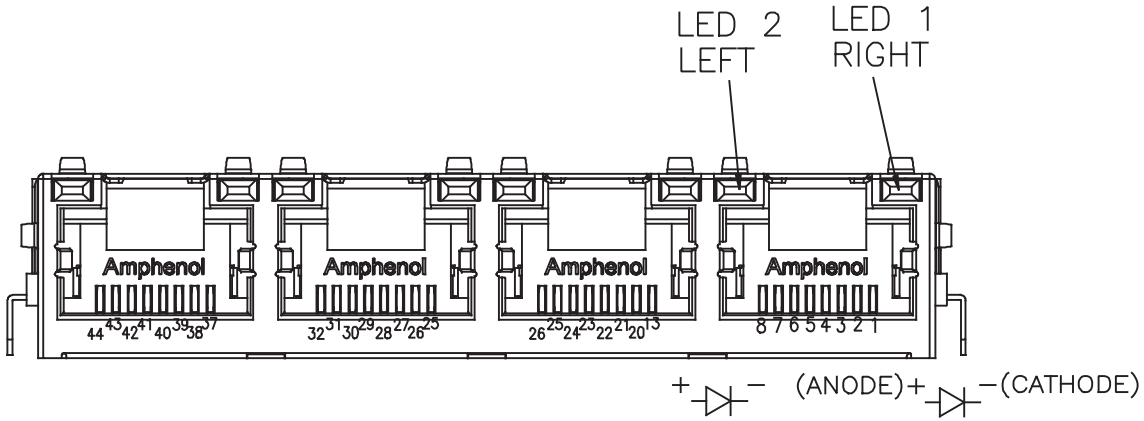
Amphenol Canada Corp.
www.amphenolcanada.com

MODULAR JACK, 1X4 PORTS , 8 POSITIONS, 8 CONTACTS, SHIELDED WITH TOP & SIDE TABS, WITH LED, SINK PCB TYPE, TAB UP, CAT6

DWG NO. P–RJE71–488–1XXX REV C

CODE ID NO. 03554 | DWG SIZE: C | SCALE: N/A | SHEET 1 OF 1

REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
A	PROPOSAL DRAWING	OCT. 30,2012	L.CHAN



TYPICAL FOR SINGLE & MULTI−PORT

EXAMPLE:

PART NUMBER RJE71−488−1XXX

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	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			

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

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 OTHERWUSE SOECIFIED DIMENSION ARE IN mm
TOLERANCE ARE :
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	HUGH WANG	OCT 30.2012
DESIGNED	HUGH WANG	OCT 30.2012
CHECKED	L.CHAN	OCT 30.2012
I. E. APPRD.		
Q. A. APPRD.		
DWG. APPRD.	ADRIAN.G	OCT 30.2012
ENG. REL. NO.		
REF.		
DIMENSIONS ARE IN	mm	CODE ID. NO. 03554

Amphenol Canada Corp.

TITLE
LED OPTIONS FOR RJE71, SINGLE OR MULTI−PORT CONNECTORS

DWG	DRAWING NO.	REV.
C	P−RJE71−LEDs	A

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

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