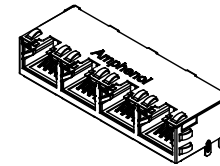
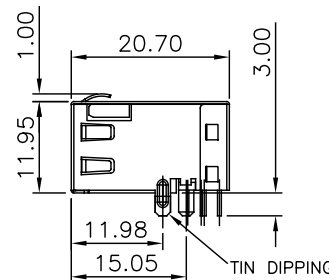


PIN NUMBERS
SHOW FOR REFERENCE
ONLY, IT DOES NOT
SHOW ON ACTUAL PART



NOTES:

ELECTRICAL:

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

FREQUENCY MHz	NEAR-END CROSSTALK dB, MIN.	RETURN LOSS dB, MIN.	ATTENUATION dB, MAX.
1.0	65	30	0.1
4.0	65	30	0.1
8.0	64.9	30	0.1
10.0	63	30	0.1
16.0	58.9	30	0.2
20.0	57	30	0.2
25.0	55	30	0.2
31.25	53.1	30	0.2
62.5	47.1	24.1	0.3
100.0	43	20	0.4

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,
50u" NICKEL UNDERPLATE
100u" MATTE TIN PLATING ON CONTACT SOLDER TAIL.

ENVIRONMENTAL:

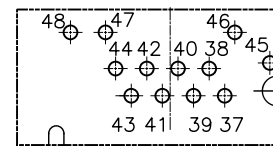
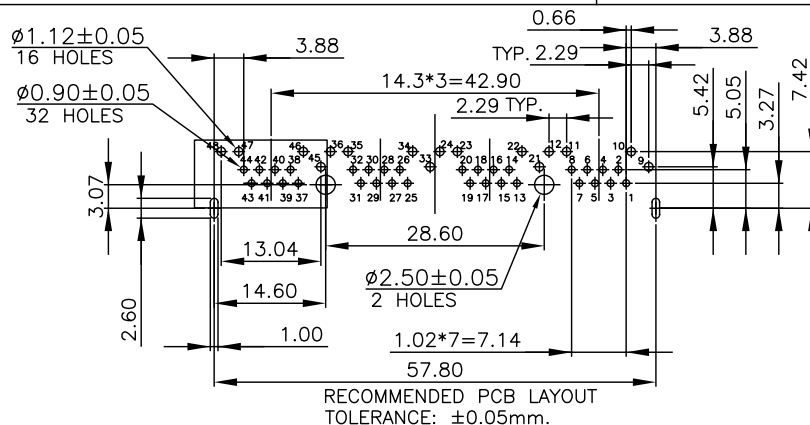
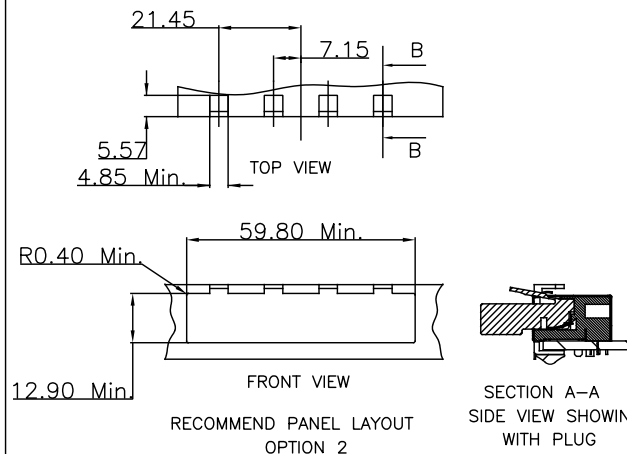
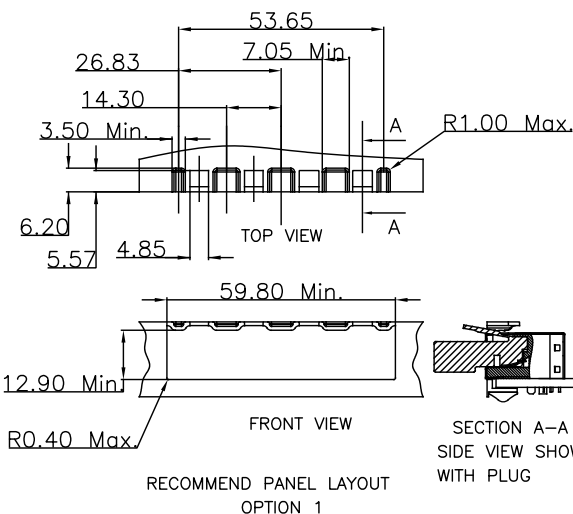
1. STORAGE : -40° TO +85°.
 2. OPERATION : -40° TO +85°.
- MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
RECOMMENDED SOLDER PROCESS: WAVE SOLDER, PEAK TEMPERATURE
260° FOR 5 SECONDS MAX.

AMPHENOL PART NUMBER: RJE48-488-1XX1

GOLD PLATING OPTION

REFER TO LED OPTIONS DRAWING

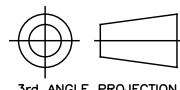
- 1=6u" [0.15 MICRONS] GOLD PLATING
2=15u" [0.38 MICRONS] GOLD PLATING
3=30u" [0.76 MICRONS] GOLD PLATING
4=50u" [1.27 MICRONS] GOLD PLATING



12(+)	11(-)	10(+)	9(-)
24(+)	23(-)	22(+)	21(-)
36(+)	35(-)	34(+)	33(-)
48(+)	47(-)	46(+)	45(-)

LED SCHEMATIC, DETAIL G, SCALE 2:1

UNLESS OTHERWISE SPECIFIED			
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"

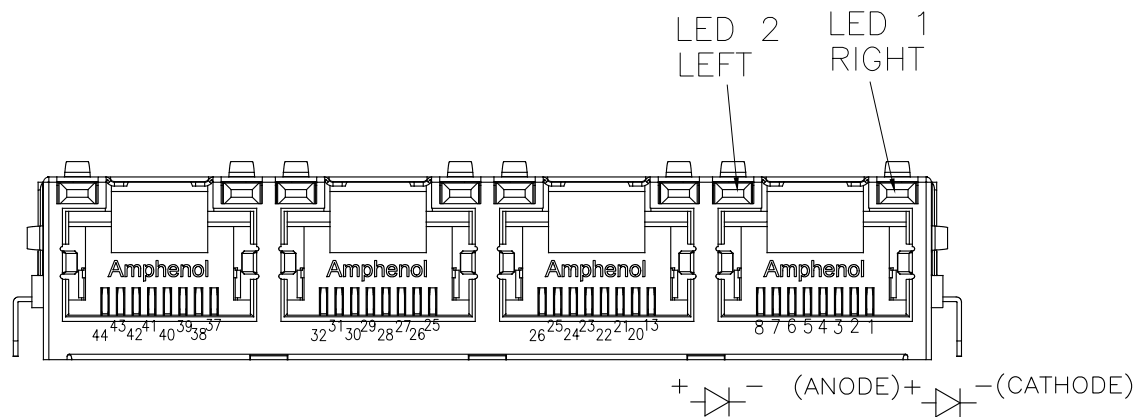


3rd ANGLE PROJECTION

DRAWN	B.COPPING	DATE	JUL17/13
DESIGNED			
CHECKED	A.GREEN		JUL17/13
I. E. APPRD.			
Q. A. APPRD.			
DWG. APPRD.			
ENG. REL. NO.			
REF.			
DIMENSIONS ARE IN	mm	CODE ID. NO.	03554

Amphenol Canada Corp. Commercial Products			
TITLE MODULAR JACK, 1X4 PORTS, 8 POSITIONS, 8 CONTACTS, SHIELDED WITH TOP & SIDE TABS, WITH REFLOW LED, TAB UP, CAT5E			
DWG	C	DRAWING NO.	P-RJE48-488-1XX1
SCALE	4/1	WT.	-----
SURF.	-----	SHEET	1 OF 2

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PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.



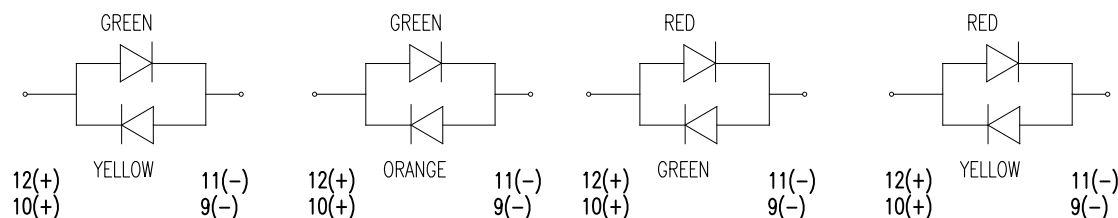
TYPICAL FOR SINGLE & MULTI-PORT

EXAMPLE:

PART NUMBER RJE48-488-1XX1

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			



BI-COLORED LED SCHEMATIC

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

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.

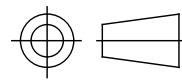
UNLESS OTHERWISE SPECIFIED
DIMENSION ARE IN mm

FRACTION DECIMALS ANGLES

.X ±0.50 .X' ±3.0'

.XX ±0.30 .X' ±2.0'

.XXX ±0.10 .XX' ±1.0'



DRAWN B.COPPING

DATE JUL17/13

DESIGNED

CHECKED A.GREEN

JUL17/13

I. E. APPRD.

Q. A. APPRD.

DWG. APPRD.

ENG. REL. NO.

REF.

DIMENSIONS ARE IN mm

CODE ID. NO.

03554

Amphenol Canada Corp.
Commercial Products

TITLE
MODULAR JACK, 1X4 PORTS, 8 POSITIONS, 8 CONTACTS,
SHIELDED WITH TOP & SIDE TABS, WITH REFLOW LED,
TAB UP, CAT5E

DWG

C

DRAWING NO.

P-RJE48-488-1XX1

REV.

D

SCALE 4/1

WT. -----

SURF. -----

SHEET 2 OF 2

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