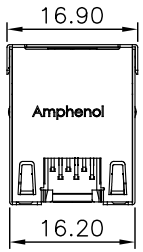
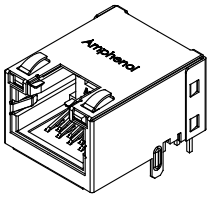
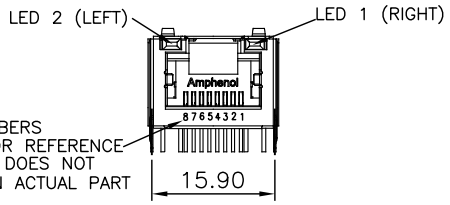
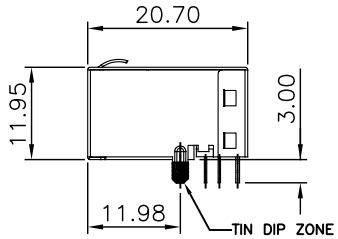
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING	MAR30/18	A.G
B	UPDATE PANEL CUTOUT DIMENSION	JUN30/21	A.G









NOTES:

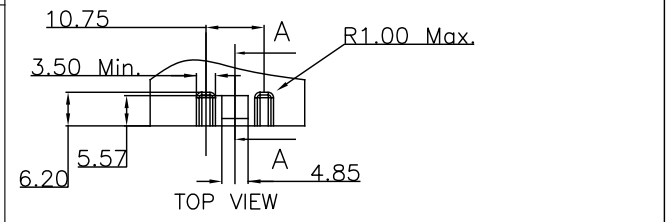
ELECTRICAL:
1. VOLTAGE RATING: 125 VAC.
2. CURRENT RATING: 1.25 AMPS PER CONTACT.
3. INSULATING RESISTANCE: 500 MEGOHMS MINIMUN.
4. DIELECTRIC STRENGTH: 1000 VAC 60Hz, 1MIN.
5. CATEGORY 5E CHARACTERISTIC:

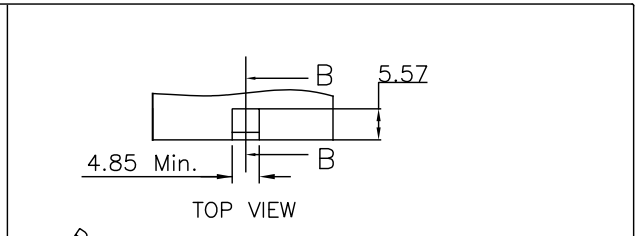
FREQUENCY MHz	NEAR-END CROSSTALK dB, MIN.	RETURN LOSS dB, MIN.	ATTENUATION dB, MAX.
1.0	65	30	0.1
4.0	65	30	0.1
8.0	64.9	30	0.1
10.0	63	30	0.1
16.0	58.9	30	0.2
20.0	57	30	0.2
25.0	55	30	0.2
31.25	53.1	30	0.2
62.5	47.1	24.1	0.3
100.0	43	20	0.4

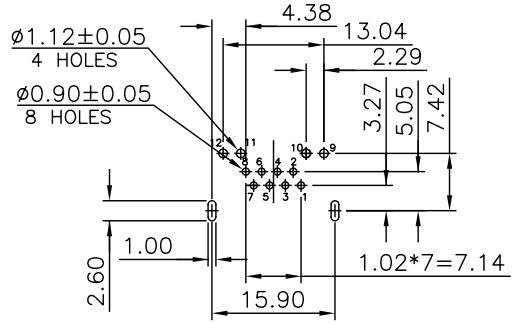
MECHANICAL:
1. SHIELD: STAINLESS STEEL, WITH TIN-DIP ON SOLDER TABS.
2. HOUSING: HIGH TEMP THERMOPLASTIC. UL 94V-0.
3. INSERT: HIGH TEMP THERMOPLASTIC UL 94V-0.
4. PCB: FR-4.
5. CONTACT: PHOSPHOR BRONZE.
   SELECTIVE GOLD PLATING
   FOR MATING SURFACE,
   50u" NICKEL UNDERPLATE
   100u'' MATTE TIN PLATING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

ENVIRONMENTAL:
1. STORAGE: -40° TO +85°.
2. OPERATION: -55° TO +85°.

MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
RECOMMENDED SOLDER PROCESS: WAVE SOLDER, PEAK TEMPERATURE 260° FOR 5~8 SECONDS.







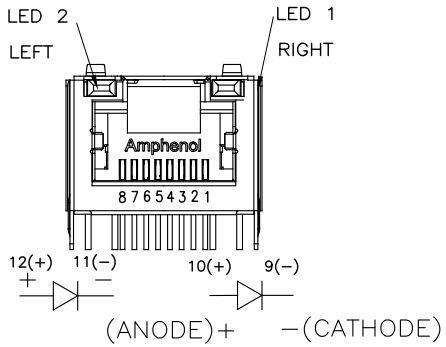
RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05mm.

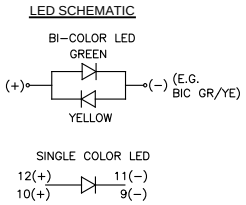
UNLESS SPECIFIED OTHERWISE	DRAWN JAMISON.C	MAR30/18	Amphenol Canada Corp. Commercial Products
PRIMARY UNITS MILLIMETERS	CHECKED L.CHAN	MAR30/18	
SECONDARY	M.E. APP'D		MODULAR JACK, SINGLE PORT, 8P8C, SHIELDED, TAB UP TYPE WITH LED, CAT 5e - RoHS COMPLIANT
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES FOR MM	DWG APP'D A.GREEN	MAR30/18	
1 DECIMAL PLACE	ENG. REL. NO.		DWG NO. P-RJE48-188-3XX1 REV B
2 DECIMAL PLACES ±0.25	REF.		
3 DECIMAL PLACES ±0.10	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 DWG SIZE C SCALE FIT SHEET 1 OF 2
AUGULAR DEGREE ±3°			

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

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REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING	MAR30/18	A.G
B	UPDATE PANEL CUTOUT DIMENSION	JUN30/21	A.G





AMPHENOL PART NUMBER: RJE48−188−3XX1
GOLD PLATING OPTION ——— LED COLOR CODE
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

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.

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

UNLESS SPECIFIED OTHERWISE	DRAWN JAMISON.C	MAR30/18	Amphenol Canada Corp. Commercial Products
PRIMARY UNITS MILLIMETERS	CHECKED L.CHAN	MAR30/18	
SECONDARY	M.E. APP'D		MODULAR JACK, SINGLE PORT, 8P8C, SHIELDED, TAB UP TYPE WITH LED, CAT 5e − RoHS COMPLIANT
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES FOR MM	DWG APP'D A.GREEN	MAR30/18	
1 DECIMAL PLACE	ENG. REL. NO.		DWG NO. P−RJE48−188−3XX1 REV B
2 DECIMAL PLACES ±0.25	REF.		
3 DECIMAL PLACES ±0.10	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 | DWG SIZE C | SCALE FIT | SHEET 2 OF 2
AUGULAR DEGREE ±3°			

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