

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	SEP29/21	K.T

NOTES:

- ELECTRICAL:**
1. 60 VDC WITH MAXIMUM POWER 100 W
2. INSULATING RESISTANCE : 500 MEGAOHMS MINIMUM.
3. DIELECTRIC STRENGTH : 1000 VAC 60Hz, 1MIN.
4. CATEGORY 5e CHARACTERISTIC

FREQUENCY MHZ	NEAR-END CROSSTALK dB, MIN.	RETURN LOSS dB , MIN.	INSERTION LOSS dB, MAX.
1.0	65.0	30.0	0.1
4.0	65.0	30.0	0.1
8.0	64.9	30.0	0.1
10.0	63.0	30.0	0.1
16.0	58.9	30.0	0.2
20.0	57.0	30.0	0.2
25.0	55.0	30.0	0.2
31.25	53.1	30.0	0.2
62.5	47.1	24.1	0.3
100.0	43.0	20.0	0.4

- MECHANICAL:**
1. HOUSING: HIGH TEMP THERMOPLASTIC. UL 94V-0.
2. CONTACT: PHOSPHOR BRONZE.
SELECTIVE GOLD PLATING FOR MATING SURFACE,
50u" MIN. NICKEL UNDERPLATE
100u" MATTE TIN PLATING ON CONTACT SOLDER TAIL.
3. COPLANARITY:
THE MAXIMUM GAP BETWEEN ALL TERMINAL TAILS IS 0.10 [0.004]

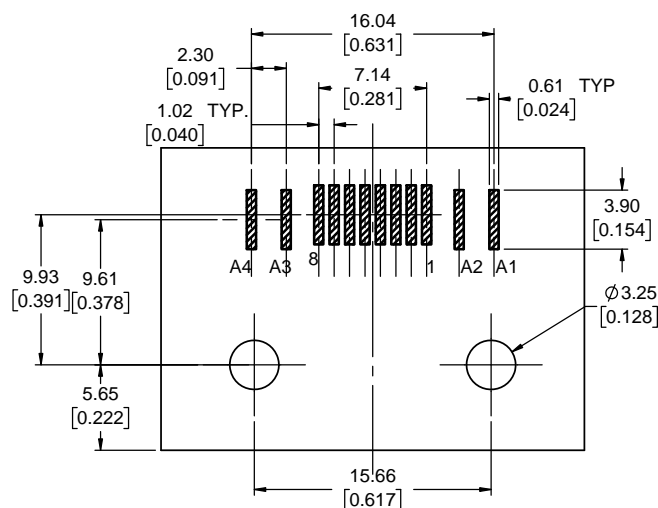
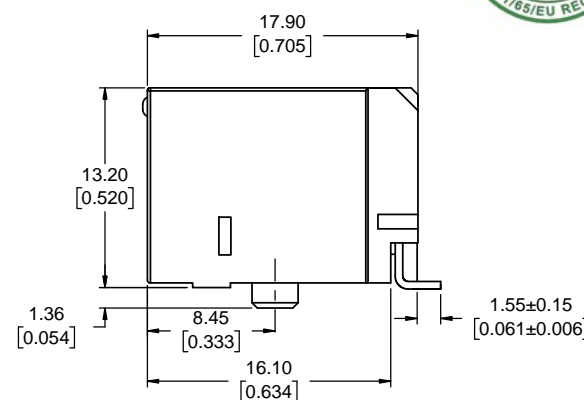
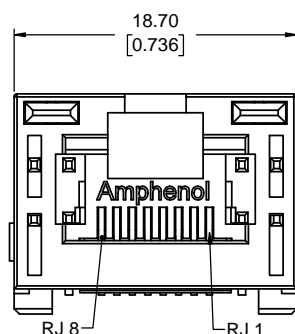
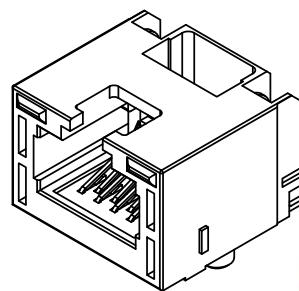
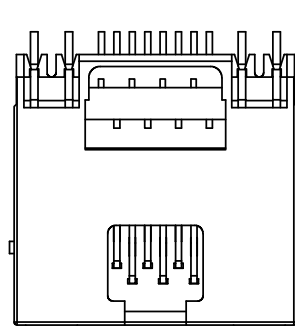
- ENVIRONMENTAL:**
1. OPERATING TEMPERATURE: -55 °C TO +85°C
2. MSL RATING: 2A
3. MATES WITH MODULAR PLUG CONFORMING TO TIA 1096 STANDARD.
4. RECOMMENDED SOLDER PROCESS:
REFLOW SOLDER, PEAK TEMPERATURE 260°C FOR 10 SECONDS MAX.

RJ CONNECTOR CONFORMS TIA-1096 STANDARD

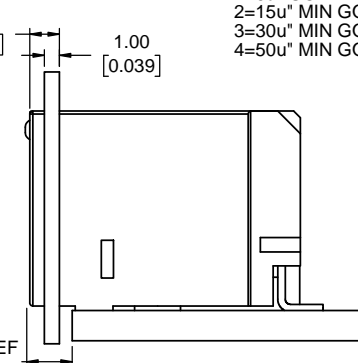
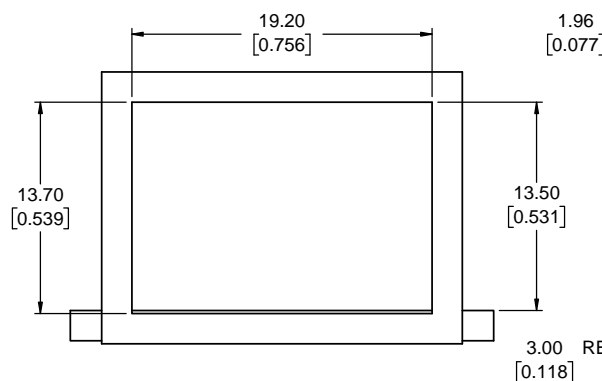
AMPHENOL PART NUMBER DESCRIPTION: RJE3A-188-0XX2

GOLD PLATING OPTION
1=6u" GOLD PLATING
2=15u" MIN GOLD PLATING
3=30u" MIN GOLD PLATING
4=50u" MIN GOLD PLATING

LED COLOR CODE
SEE PAGE 2



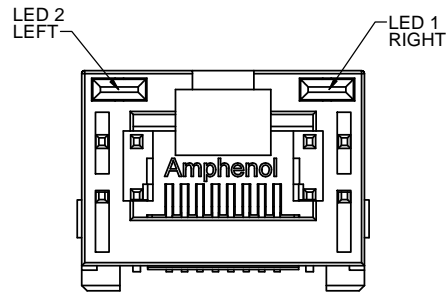
RECOMMENDED PCB LAYOUT
VIEW FROM COMPONENT SIDE
TOLERANCE: +/-0.05[0.002]



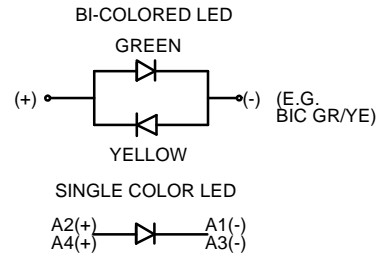
UNLESS SPECIFIED OTHERWISE	DRAWN	JAMISON.C	SEP29/21
PRIMARY UNITS MILLIMETERS	CHECKED	L.CHAN	SEP29/21
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	A.GREEN	SEP29/21
1 DECIMAL PLACE	ENG. REL. NO.		
2 DECIMAL PLACES ±0.25	REF.		
3 DECIMAL PLACES ±0.13	THIRD ANGLE PROJECTION		
ANGULAR DEGREES ±1°	DO NOT SCALE DRAWING		

Amphenol Canada Corp. Commercial Products			
MODULAR JACK, SINGLE PORT, 8P8C, UNSHIELDED, TAB UP, WITH LED, CAT 5e---RoHS COMPLIANT			
DWG. NO.	P-RJE3A-188-0XX2		REV A
CODE ID NO. 03554	DWG SIZE: N/A	SCALE: FIT	SHEET 1 OF 3

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	SEP29/21	K.T



LED SCHEMATIC



LED SPECIFICATIONS:
FORWARD VOLTAGE: 1.6 VOLTS TYP.
REVERSE VOLTAGE: 5.0 VOLTS MAX.
LUMINOUS INTENSITY: 0.4 mCd MIN.
(AT IF=2mA)

PLATING ON TAILS: TIN OR TIN/COPPER ALLOY OVER SILVER

LEGEND
BiC=BI-COLOR LED
LOWC=LOW CURRENT LED
YE=YELLOW
GR=GREEN
RE=RED
OR=ORANGE

PRIMARY COLOR FOR BI-COLOR LEDS IN STANDARD ANODE/CATHODE CONFIGURATION IS:

RED-GREEN= RED
RED-YELLOW= RED
GREEN-YELLOW= GREEN
GREEN-ORANGE= GREEN

NOTE:
THE TWO DIGITS PRECEDING THE ADDITIONAL LED CODE MUST BE USED IN THE PART NUMBER, WHEN ORDERING ANY OF THE ADDITIONAL LED OPTIONS.

EXAMPLE OF ADDITIONAL LED OPTIONS:

RJE3A-188-04W2-0X

ADDITIONAL LED COLOR CODE
ONLY USED FOR "W" OPTIONS USED IN FIRST LED CODE
DENOTES ADDITIONAL 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	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 GR/RD
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
			W	ADDITIONAL OPTIONS				

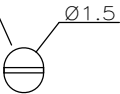
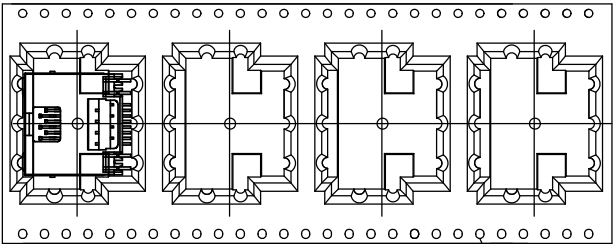
CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)
0	DO NOT USE		5	BLOCKED	YELLOW	A	LOWC YE	LOWC YE
1	RED	BLOCKED	6	RED	BiC RD/GR	B	LOWC YE	LOWC GR
2	BiC GR/OR	YELLOW	7	BLOCKED	BiC RD/GR	C	LOWC GR	LOWC YE
3	YELLOW	RED	8	BiC RD/GR	BLOCKED	D	LOWC GR	LOWC GR
4	BLOCKED	RED	9	BiC GR/YE	BLOCKED	M	LOWC RD	LOWC YE
			E	GREEN	ORANGE			
			F	ORANGE	GREEN			
			G	BiC OR/GR	BiC OR/GR			
			H	BiC GR/OR	ORANGE			



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.

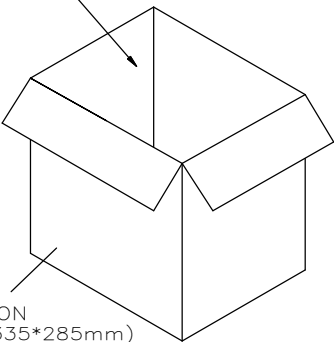
UNLESS SPECIFIED OTHERWISE	DRAWN	JAMISON.C	SEP29/21	Amphenol Canada Corp. Commercial Products		
PRIMARY UNITS MILLIMETERS	CHECKED	L.CHAN	SEP29/21			
SECONDARY INCHES	M.E. APP'D			MODULAR JACK, SINGLE PORT, 8P8C, UNSHIELDED, TAB UP, WITH LED, CAT 5e---RoHS COMPLIANT		
REFERENCE IN PARENTHESES	Q.A. APP'D					
GENERAL TOLERANCES	DWG APPR.	A.GREEN	SEP29/21	DWG. NO. P-RJE3A-188-0XX2		
1 DECIMAL PLACE	ENG. REL. NO.					
2 DECIMAL PLACES ±0.25	REF.			REV A		
3 DECIMAL PLACES ±0.13	THIRD ANGLE PROJECTION					
ANGULAR DEGREES ±1°				CODE ID NO. 03554 DWG SIZE: N/A SCALE: FIT SHEET 2 OF 3		

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	SEP29/21	K.T



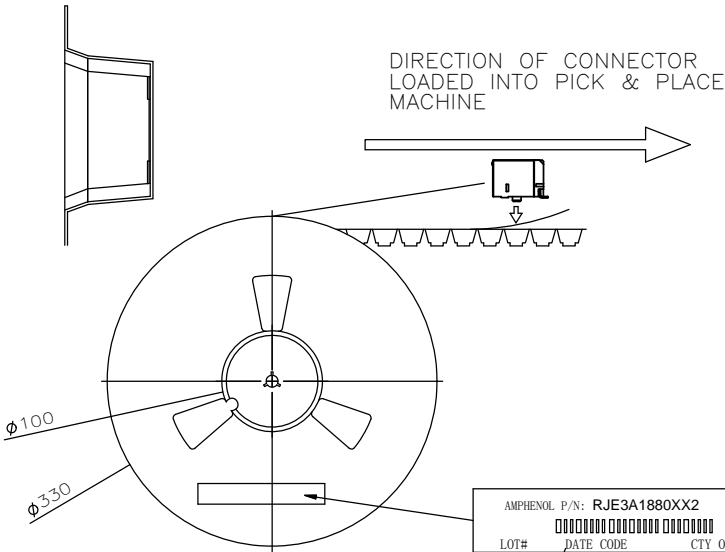
5 REELS


ALUMINIUM FOIL BAGS
ONE BAG PER REEL



CARTON
(335*335*285mm)

SEAL CARTON



AMPHENOL P/N: RJE3A1880XX2

 LOT# DATE CODE CTY OF ORIGIN: CN



NOTES:

1. FINISHED CONNECTORS (AFTER FINAL INSPECTION) TO BE PACKED INTO CONDUCTIVE HIPS TAPE AND REEL. ONE REEL SHOULD HOLD 125 CONNECTORS.
2. 13 EMPTY POCKETS SEALED OF TAPE LEADER AND 6 EMPTY POCKETS SEALED OF TAPE TRAILER.
3. A FULLY LOADED CARTON SHOULD CONTAIN 5 REELS (625 PCS) OF CONNECTOR.

UNLESS SPECIFIED OTHERWISE	DRAWN	JAMISON.C	SEP29/21
PRIMARY UNITS MILLIMETERS	CHECKED	L.CHAN	SEP29/21
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	A.GREEN	SEP29/21
1 DECIMAL PLACE	ENG. REL. NO.		
2 DECIMAL PLACES ±0.25	REF.		
3 DECIMAL PLACES ±0.13	THIRD ANGLE PROJECTION		
ANGULAR DEGREES ±1°			

Amphenol Canada Corp. Commercial Products	
MODULAR JACK, SINGLE PORT, 8P8C, UNSHIELDED, TAB UP, WITH LED, CAT 5e---RoHS COMPLIANT	
DWG. NO. P-RJE3A-188-0XX2	REV A
CODE ID NO. 03554	DWG SIZE: N/A SCALE: FIT SHEET 3 OF 3