

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	MAR14/24	K.T

NOTES:

ELECTRICAL:

1. VOLTAGE RATING: 125 VAC.
2. CURRENT RATING: 1.25 AMPS PER CONTACT.
3. INSULATING RESISTANCE: 500 MEGAOHMS MINIMUM.
4. DIELECTRIC STRENGTH: 1000 VAC 60HZ, 1MIN.
5. CATEGORY 6 CHARACTERISTIC

FREQUENCY MHZ	NEAR-END CROSSTALK dB, MIN.	RETURN LOSS dB, MIN.	INSERTION LOSS 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: THERMOPLASTIC, UL 94V-0, BLACK
3. CONTACT: PHOSPHOR BRONZE,
SELECTIVE GOLD PLATING ON MATING SURFACE,
50µ" MIN. NICKEL UNDERPLATE
100µ" MATTE TIN PLATING ON CONTACT SOLDER TAIL.

ENVIRONMENTAL:

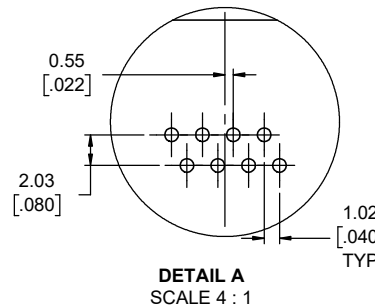
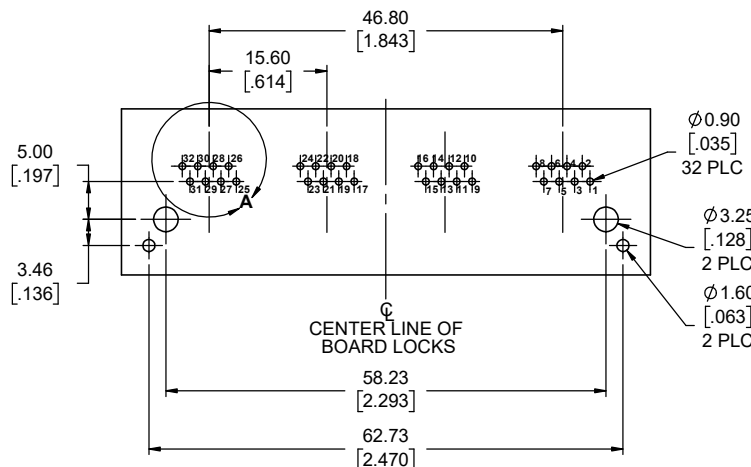
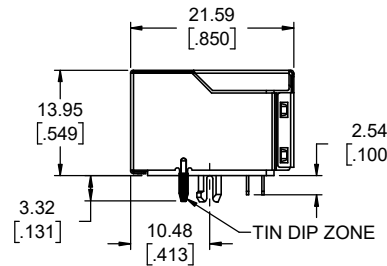
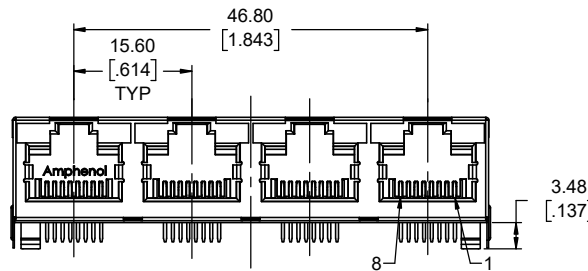
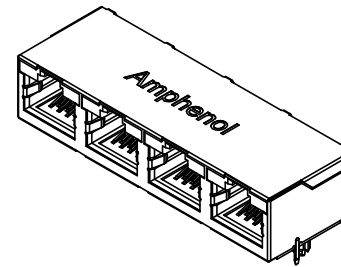
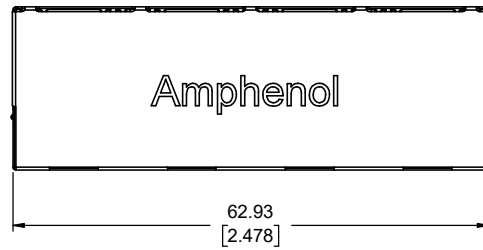
1. STORAGE : -40 °C TO +85°C
2. OPERATION:-40 °C TO +85°C
3. MATES WITH MODULAR PLUG CONFORMING TO TIA 1096 STANDARD.
4. RECOMMENDED SOLDER PROCESS:
WAVE SOLDER, PEAK TEMPERATURE 260°C FOR 5-8 SECONDS

RJ CONNECTOR CONFORMS TIA-1096

AMPHENOL PART NUMBER DESCRIPTION: RJE59-488-6X01

GOLD PLATING OPTION

- 1=6µ" GOLD PLATING
- 2=15µ" MIN GOLD PLATING
- 3=30µ" MIN GOLD PLATING
- 4=50µ" MIN GOLD PLATING



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05[0.002]



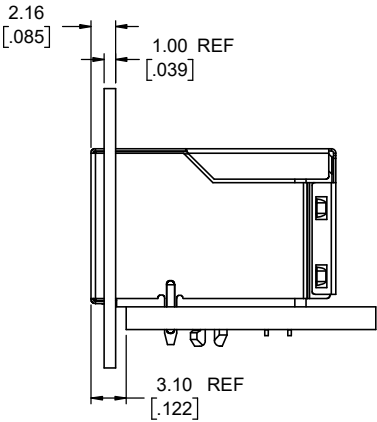
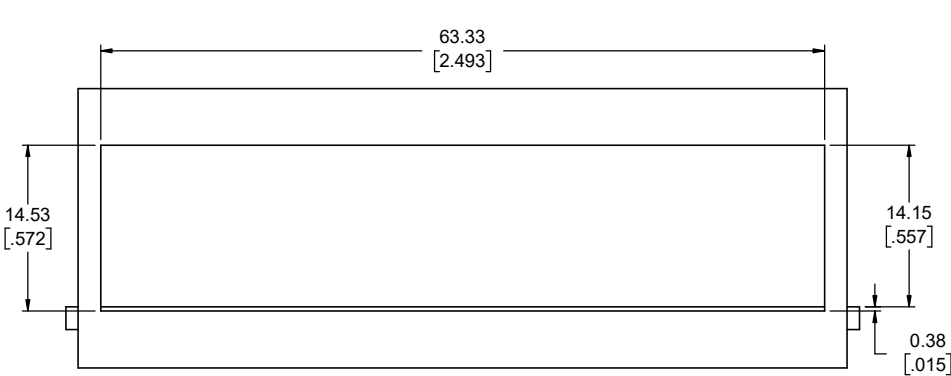
UNLESS SPECIFIED OTHERWISE	DRAWN	J.CHEN	MAR14/24
PRIMARY UNITS MILLIMETERS	CHECKED	K.TANG	MAR14/24
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 15463	
2 DECIMAL PLACES ±0.25	REF.		
3 DECIMAL PLACES ±0.15	THIRD ANGLE PROJECTION		
ANGULAR DEGREES ±2°	DO NOT SCALE DRAWING		

Amphenol Canada Corp.
Commercial Products

MODULAR JACK, 1X4 PORTS, 8 POSITIONS, 8 CONTACTS,
SHIELDED WITHOUT TABS, WITHOUT LEDS,
TAB UP, CAT 6, RoHS COMPLIANT

DWG. NO.	P-RJE59-488-6X01	REV	A
CODE ID NO. 03554	DWG SIZE: N/A	SCALE: FIT	SHEET 1 OF 2

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RECOMMENDED PANEL CUTOUT

TRAY PACKING INFORMATION		
CONNECTORS PER TRAY	TRAYS PER CARTON	TOTAL CONNECTORS PER CARTON
20PCS	22PCS	440PCS



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2 DECIMAL PLACES ±0.25	REF.		
3 DECIMAL PLACES ±0.15	THIRD ANGLE PROJECTION		
ANGULAR DEGREES ±2°			

Amphenol Canada Corp. Commercial Products			
MODULAR JACK, 1X4 PORTS, 8 POSITIONS, 8 CONTACTS, SHIELDED WITHOUT TABS, WITHOUT LEDS, TAB UP, CAT 6, RoHS COMPLIANT			
DWG. NO.	P-RJE59-488-6X01		REV A
CODE ID NO. 03554	DWG SIZE: N/A	SCALE: FIT	SHEET 2 OF 2