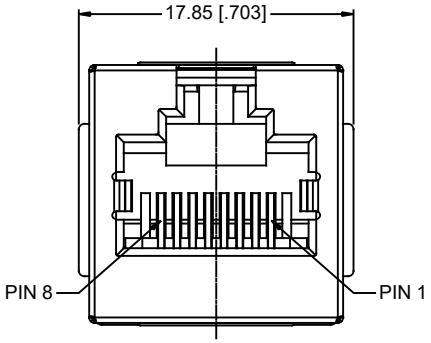
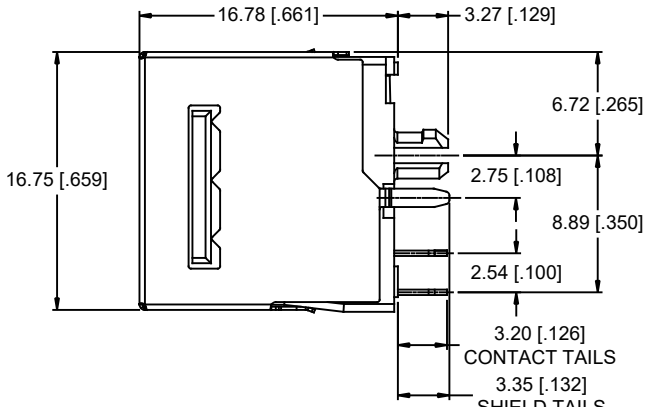
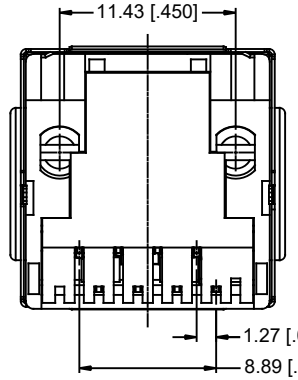
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	NEW PROPOSAL	DEC07/22	KELVIN



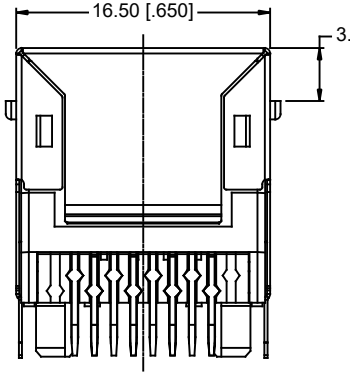
FRONT VIEW



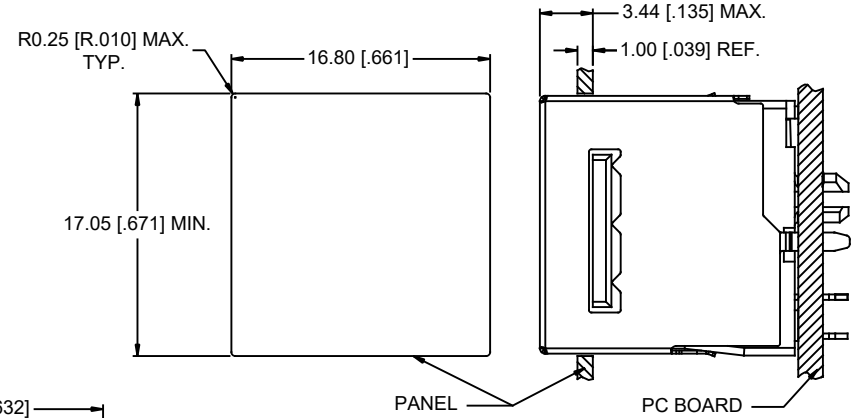
SIDE VIEW



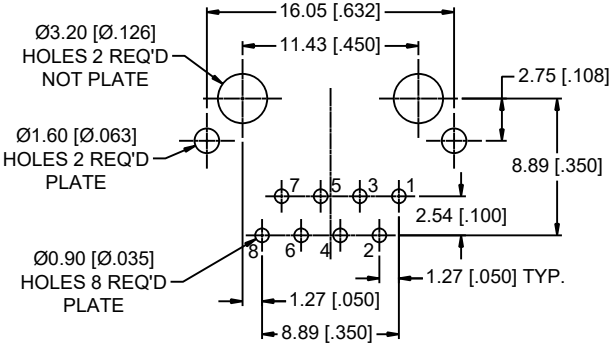
BACK VIEW



BOTTOM VIEW



RECOMMENDED PANEL CUTOUT



RECOMMENDED P.C.B LAYOUT
(TOLERANCE: ±0.05[±.002])
(PCB THICKNESS: 1.60 [.063])
(COMPONENT SIDE OF PC BOARD)

NOTES:

1. MATERIALS:
   CONTACTS: PHOSPHOR BRONZE, 0.35MM THICKNESS,
   PLATING: SELECTIVE GOLD PLATING ON MATING SURFACE
   SEE PART NO. FOR THICKNESS,
   50µ "[1.27 MICRONS] MIN. NICKEL OVERALL.
   100µ "[2.54 MICRONS] MIN. MATTE TIN ON SOLDER TAILS.
   HOUSING: HIGH TEMPERATURE THERMOPLASTIC, FLAMMABILITY RATING UL 94V-0, COLOR - BLACK.
   SHIELD: COPPER ALLOY OR STEEL ALLOY WITH NICKEL PLATING

2. MECHANICAL:
   MATING FORCE: 5.0 LBS MAXIMUM

3. ELECTRICAL:
   CONTACT RESISTANCE: 50 MILLIOHMS MAXIMUM
   INSULATION RESISTANCE: 500 MEGOHMS MINIMUM
   CUTTENT RATING: 1.5 AMPS
   VOLTAGE RATING: 125 VOLTS AC

4. ENVIRONMENTAL:
   STORAGE TEMPERATURE: -40°C TO +85°C

5. RECOMMENDED SOLDERING TEMPERATURE:
   WAVE SOLDERING PEAKED AT 235°C FOR 5 SECONDS,
   OR REFLOW SOLDERING PEAKED AT 260°C FOR 10 SECONDS MAXIMUM.

AMPHENOL PART NUMBER: RJE74-188-8X20-A

GOLD PLATING OPTIONS:
1 = 6µ " GOLD PLATING
2 = 15µ " GOLD PLATING
3 = 30µ " GOLD PLATING
4 = 50µ " GOLD PLATING

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 RONNIE.C	DEC07/22	Amphenol Canada Corp. Commercial Products
PRIMARY UNITS MILLIMETERS	CHECKED KELVIN.T	DEC07/22	
SECONDARY INCHES	M.E. APP'D		SINGLE PORT, VERTICAL MODULAR JACK, 8 POSITION, 8 CONTACTS, WITH PANEL STOP SHIELDED WITHOUT EMI TAB–RoHS COMPLIANT
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APP'D		DWG NO. P–RJE74–188–8X20–A REV A
1 DECIMAL PLACE ±0.20	ENG. REL. NO.		
2 DECIMAL PLACES ±0.15	REF.		CODE ID NO. 03554 | DWG SIZE X | SCALE N/A | SHEET 1 OF 1
3 DECIMAL PLACES ±0.10	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	
ANGULAR DEGREES ±2.0°			