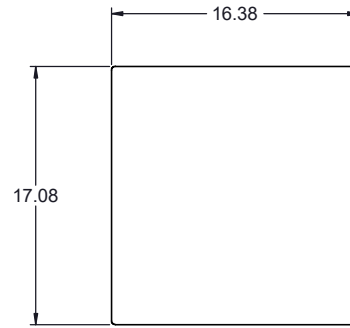
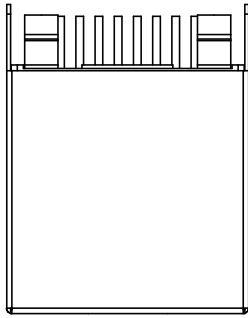


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL DRAWING	JUN17/25	K.T.



RECOMMENDED PANEL CUTOUT

NOTES:

1. MATERIALS:
PLASTIC HOUSING: ENGINEERING THERMOPLASTIC
FLAMMABILITY RATING UL 94V-0, BLACK.
- CONTACTS: PHOSPHOR BRONZE
PLATING: GOLD ON MATING SURFACES
(SEE PART NO. FOR THICKNESS OPTIONS).
50µ" [1.27 MICRONS]
MIN. NICKEL UNDERPLATE
100µ" [2.54 MICRONS]
MIN. MATTE TIN ON CONTACT TAILS.

SHIELD: BRASS, NICKEL PLATED OVERALL.

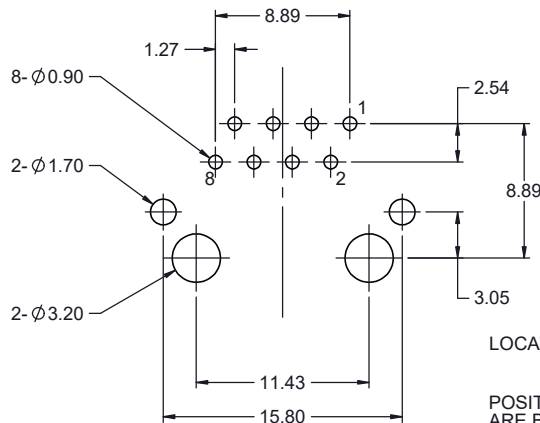
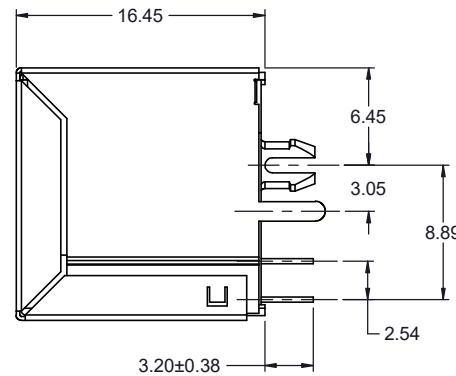
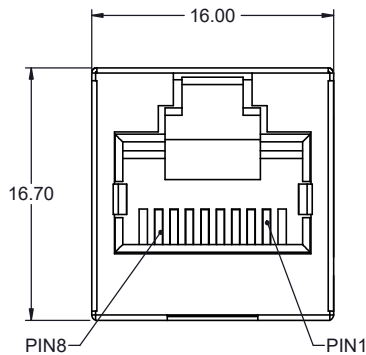
2. RJ45 PORT CAPABLE OF SUPPORTING 1000BASE-T
CATEGORY 5e CHANNEL PERFORMANCE:

FREQUENCY MHZ	NEAR-END CROSS TALK dB, MIN.	RETURN LOSS dB, MIN.	INSERTION LOSS 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

3. RECOMMENDED SOLDERING TEMPERATURE:
WAVE SOLDERING PEAK AT 260°C MAXIMUM
FOR 5~8 SEC.

PART NUMBER: RJE7M-188-1X00

GOLD PLATING
1 = 0.15µm (6µ")
2 = 0.38µm (15µ")
3 = 0.76µm (30µ")
4 = 1.27µm (50µ")



RECOMMENDED P.C.B. LAYOUT
(COMPONENT SIDE OF BOARD)
TOLERANCE: ± 0.05



UNLESS SPECIFIED OTHERWISE	DRAWN	W.QIU	JUN17/25
PRIMARY UNITS MILLIMETERS	CHECKED	K.TANG	JUN17/25
SECONDARY	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE ±0.50	ENG. REL. NO.		
2 DECIMAL PLACES ±0.38	REF.	EAR#16185	
3 DECIMAL PLACES ±0.25	THIRD ANGLE PROJECTION		
ANGULAR DEGREES ±1.0°	DO NOT SCALE DRAWING		

Amphenol Canada Corp. Commercial Products			
MODULAR JACK, RJ45, CAT5E, 8P8C, SHIELD, WITHOUT LED, RoHS COMPLIANT			
DWG. NO.	P-RJE7M-188-1X00		
CODE ID NO. 03554	DWG SIZE: X	SCALE: 4:1	SHEET 1 OF 1