

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	UPDATE LAYOUT&ADD PACKAGE SPEC	DEC09/20	K.T
C	UPDATE PANEL CUT OUT DIMENSION	DEC25/20	K.T
D	UPDATE VOLTAGE	JUN15/21	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. SHIELD: STAINLESS STEEL WITH 100u" MATTE TIN OVER 20u" MIN. NICKEL UNDERPLATE
2. HOUSING: HIGH TEMP THERMOPLASTIC. UL 94V-0.
3. CONTACT: PHOSPHOR BRONZE.
SELECTIVE GOLD PLATING FOR MATING SURFACE, 50u" MIN. NICKEL UNDERPLATE
100u" MATTE TIN PLATING ON CONTACT SOLDER TAIL.
4. COPLANARITY:
THE MAXIMUM GAP BETWEEN ALL TERMINAL TAILS IS 0.10 [0.004]

ENVIRONMENTAL:

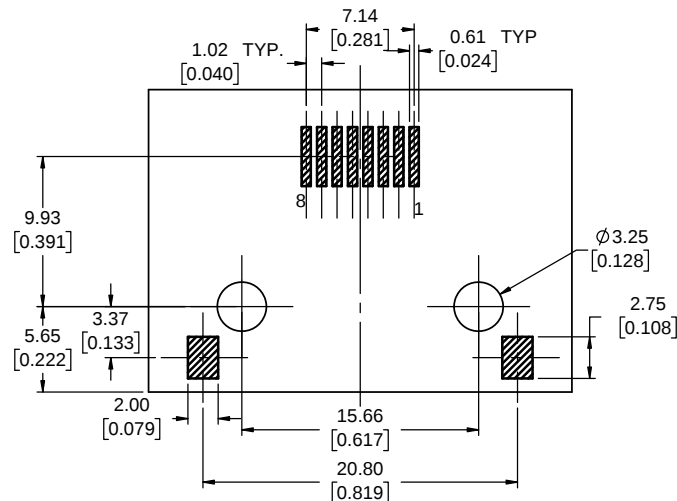
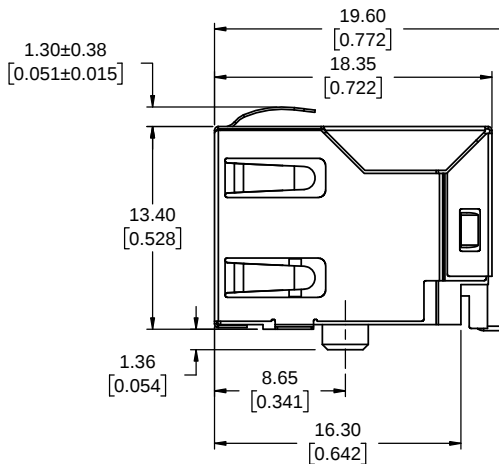
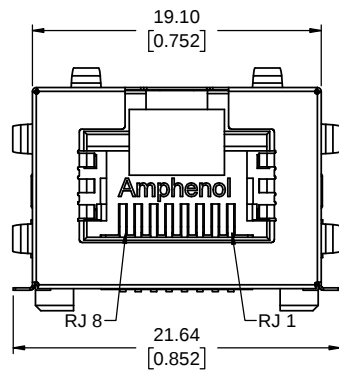
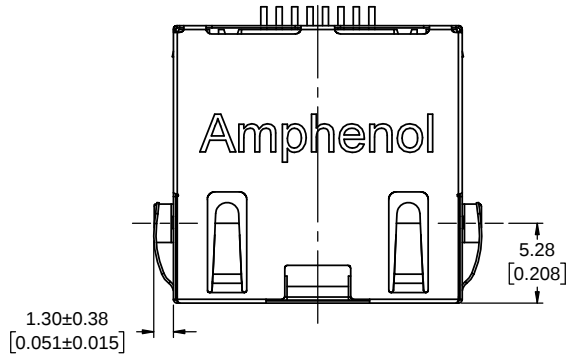
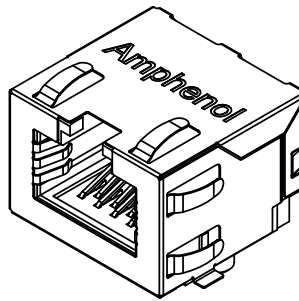
1. STORAGE : -40 °C TO +85°C
2. OPERATION: -55 °C TO +85°C
3. MATES WITH MODULAR PLUG CONFORMING TO TIA 1096 STANDARD.
4. RECOMMENDED SOLDER PROCESS:
REFLOW SOLDER,PEAR TEMPERATURE 260°C FOR 10 SECONDS MAX.

RJ CONNECTOR CONFORMS TIA-1096 STANDARD

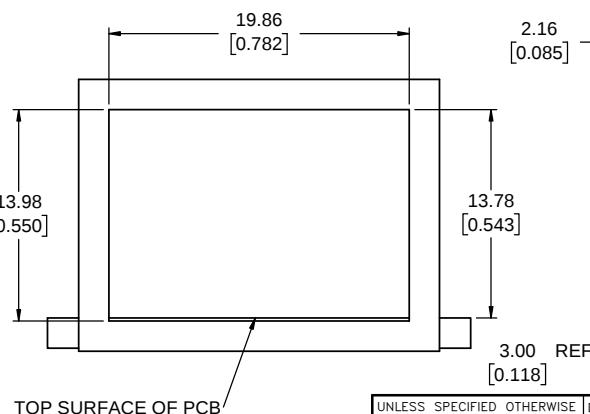
AMPHENOL PART NUMBER DESCRIPTION: RJE3A-188-1X02

GOLD PLATING OPTION

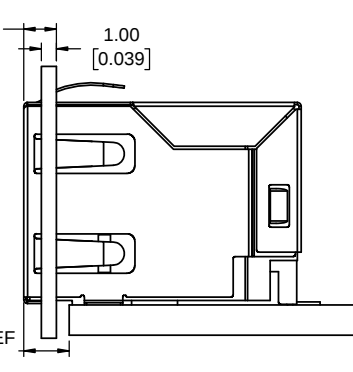
- 1=6u" GOLD PLATING
- 2=15u" MIN GOLD PLATING
- 3=30u" MIN GOLD PLATING
- 4=50u" MIN GOLD PLATING



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



TOP SURFACE OF PCB



UNLESS SPECIFIED OTHERWISE	DRAWN	JAMISON.C	NOV17/20
PRIMARY UNITS MILLIMETERS	CHECKED	L.CHAN	NOV17/20
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	A.GREEN	NOV17/20
1 DECIMAL PLACE ±0.38	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, SHIELDED, TAB UP, WITHOUT LED, CAT 5e---RoHS COMPLIANT	
DWG. NO.	REV D
P-RJE3A-188-1X02	
CODE ID NO. 03554	DWG SIZE: N/A SCALE: FIT SHEET 1 OF 2

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1

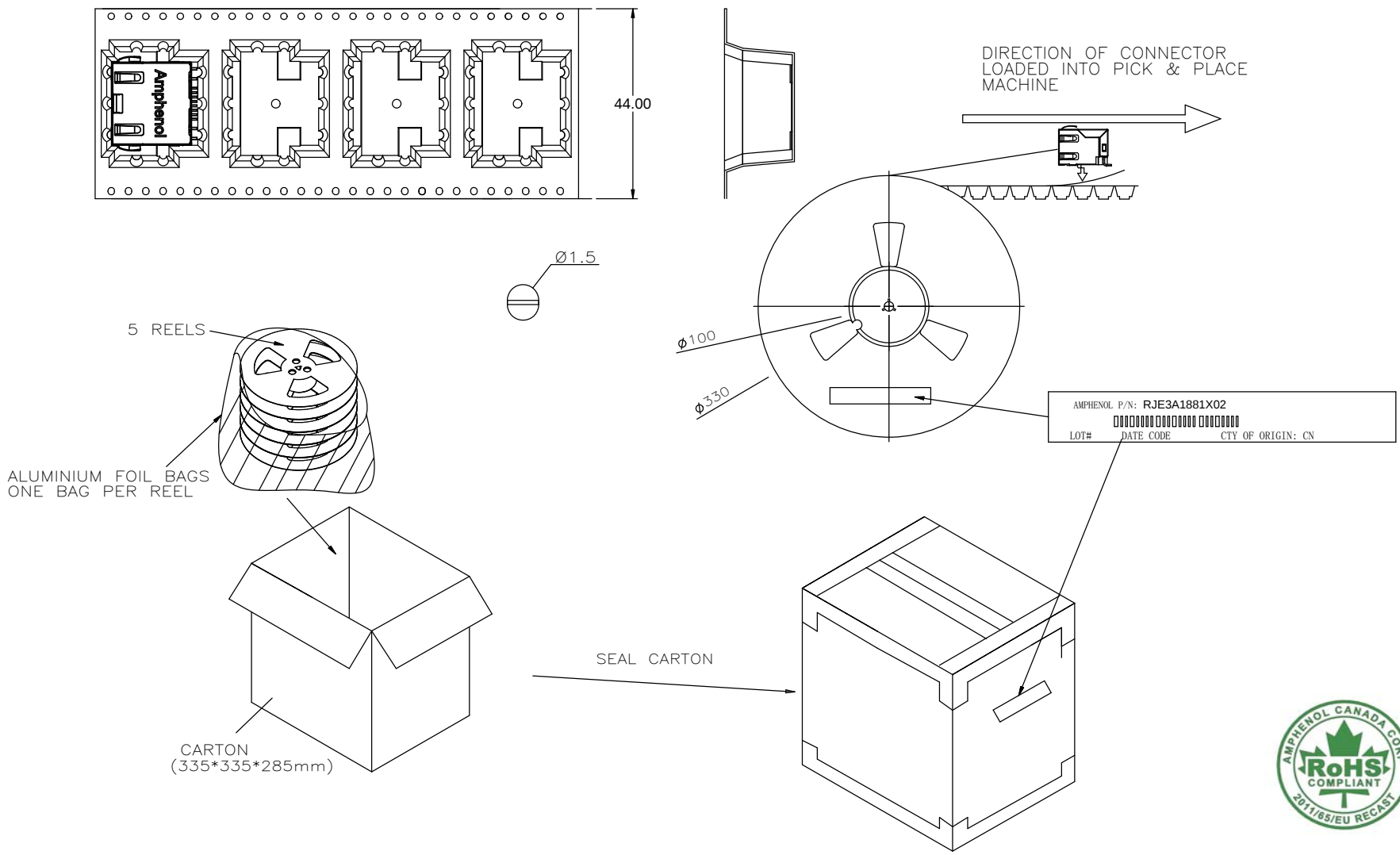
2

3

4

5

6



- 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.

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UNLESS SPECIFIED OTHERWISE			Amphenol Canada Corp.	
PRIMARY UNITS MILLIMETERS			Commercial Products	
SECONDARY UNITS INCHES			MODULAR JACK, SINGLE PORT, 8P8C, SHIELDED, TAB UP, WITHOUT LED, CAT 5e---RoHS COMPLIANT	
REFERENCE IN PARENTHESES			DWG. NO. P-RJE3A-188-1X02	
GENERAL TOLERANCES			REV D	
1 DECIMAL PLACE	± 0.38	DRAWN JAMISON.C NOV17/20	CODE ID NO. 03554 DWG SIZE: N/A SCALE: FIT SHEET 2 OF 2	
2 DECIMAL PLACES	± 0.25	CHECKED L.CHAN NOV17/20		
3 DECIMAL PLACES	± 0.13	M.E. APP'D		
ANGULAR DEGREES	$\pm 1^\circ$	Q.A. APP'D		
THIRD ANGLE PROJECTION				
DO NOT SCALE DRAWING				