

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	AUG18/23	K.T

NOTES:

ELECTRICAL:

- 60 VDC WITH MAXIMUM POWER 100 W
- INSULATING RESISTANCE : 500 MEGAOHMS MINIMUM.
- DIELECTRIC STRENGTH : 1000 VAC 60Hz, 1MIN.
- 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:

- SHIELD: STAINLESS STEEL WITH 100u" MATTE TIN OVER 20u" MIN. NICKEL UNDERPLATE
- HOUSING: HIGH TEMP THERMOPLASTIC. UL 94V-0, BLACK
- CONTACT: PHOSPHOR BRONZE.
30u" MIN GOLD PLATING FOR MATING SURFACE,
50u" MIN. NICKEL UNDERPLATE
100u" MATTE TIN PLATING ON CONTACT SOLDER TAIL.
- COPLANARITY:
THE MAXIMUM GAP BETWEEN ALL TERMINAL TAILS IS 0.10 [0.004]

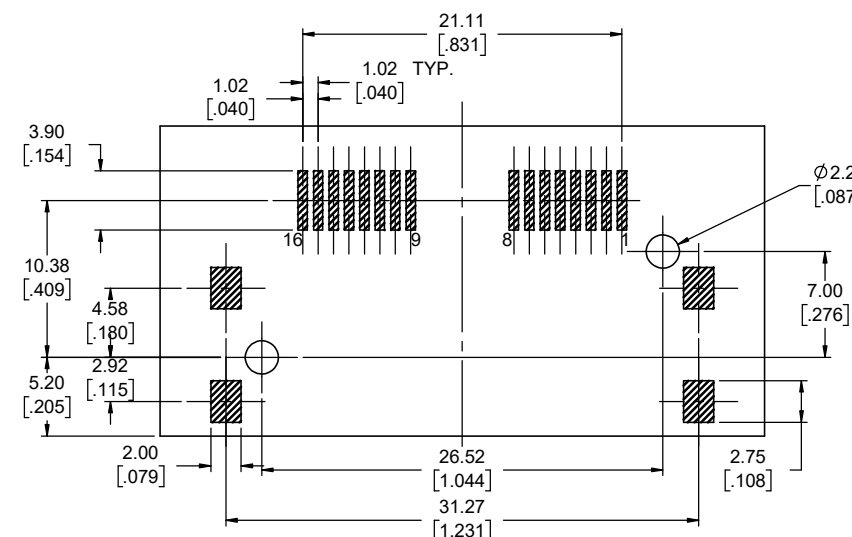
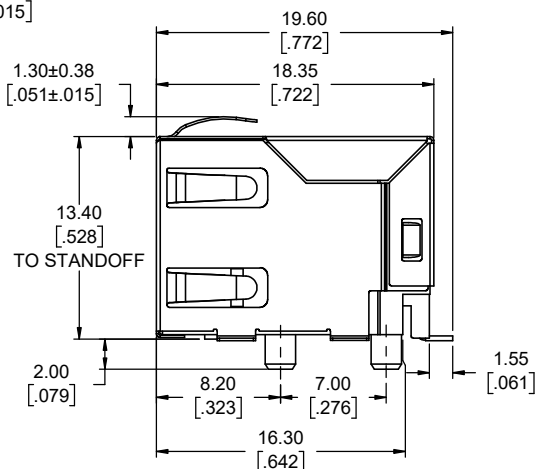
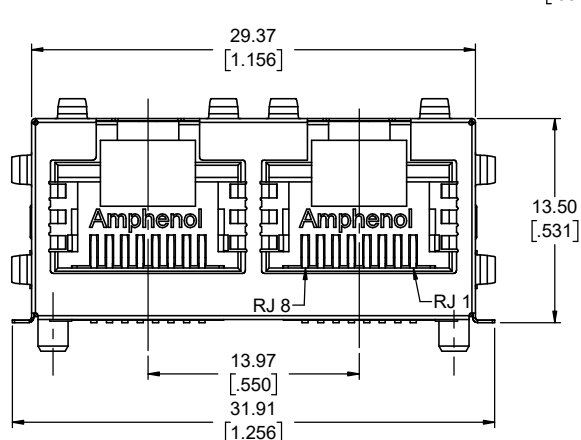
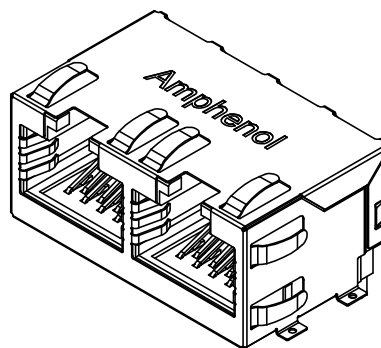
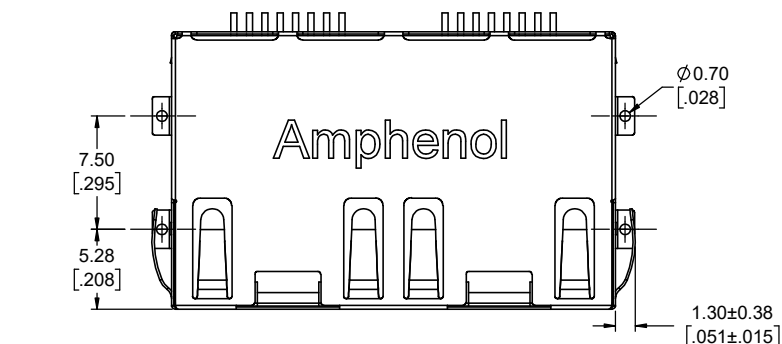
ENVIRONMENTAL:

- OPERATING TEMPERATURE: -40 °C TO +85°C
- MATES WITH MODULAR PLUG CONFORMING TO TIA 1096 STANDARD.
- RECOMMENDED SOLDER PROCESS:
REFLOW SOLDER, PEAR TEMPERATURE 260°C FOR 10 SECONDS MAX

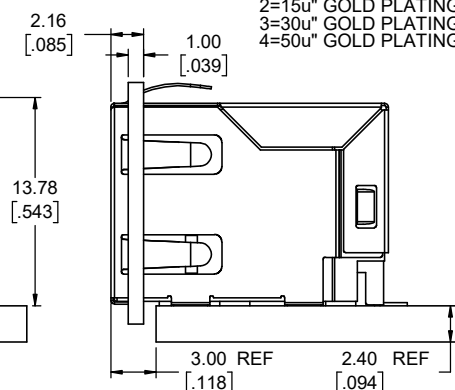
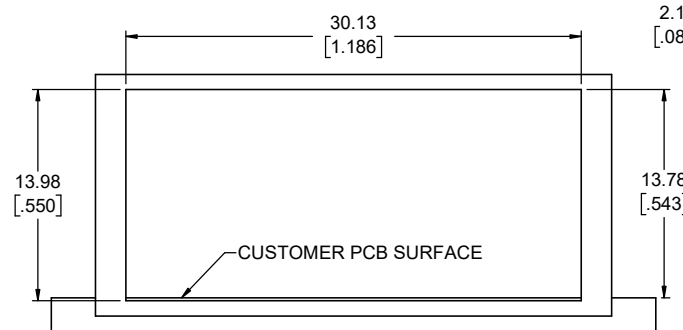
RJ CONNECTOR CONFORMS TIA-1096 STANDARD

AMPHENOL PART NUMBER: RJE3A-288-1X02-N

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



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



UNLESS SPECIFIED OTHERWISE	DRAWN	JAMISON.C	AUG18/23
PRIMARY UNITS MILLIMETERS	CHECKED	K.TANG	AUG18/23
SECONDARY UNITS INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
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		

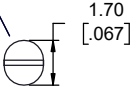
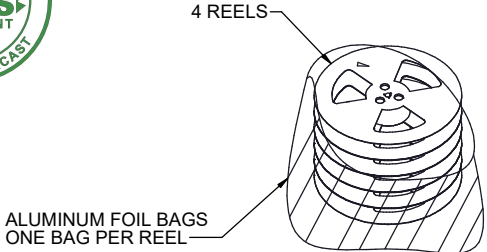
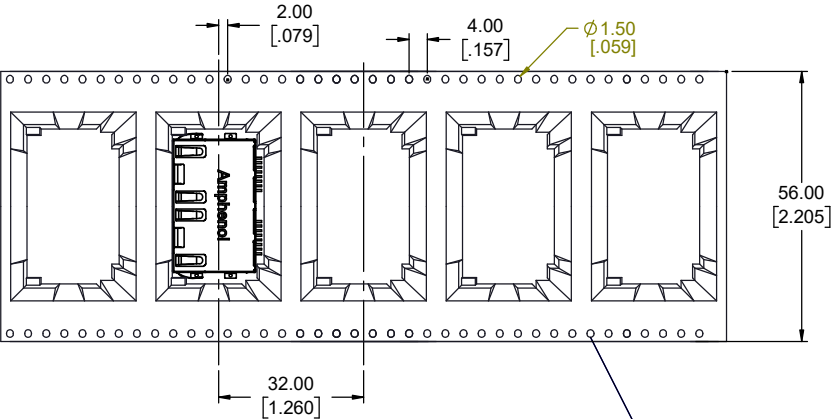
Amphenol Canada Corp.
Commercial Products

MODULAR JACK, 1X2 PORTS, 8P8C,
SHIELDED, TAB UP, WITHOUT LED,
CAT 5e, RoHS COMPLIANT

DWG. NO.	P-RJE3A-288-1X02-N	REV	A
CODE ID NO. 03554	DWG SIZE: X	SCALE: FIT	SHEET 1 OF 2

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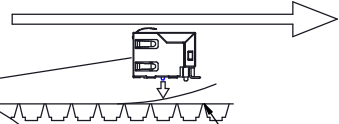


13 EMPTY POCKETS

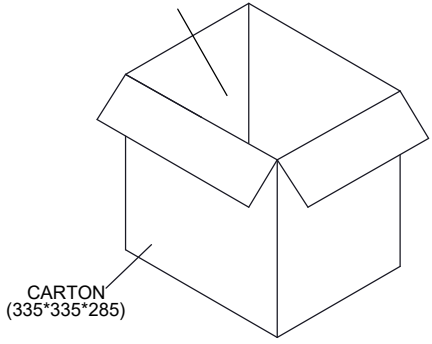
Ø 100.00

Ø 330.00

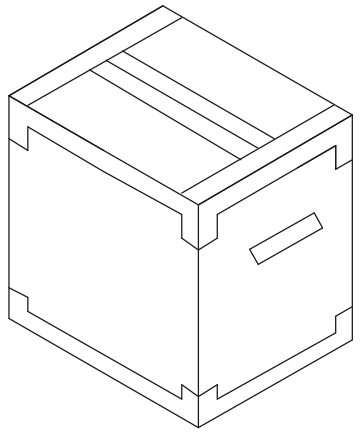
DIRECTION OF CONNECTOR
LOADED INTO PICK & PLACE MACHINE



7 EMPTY POCKETS



SEAL CARTON



NOTES:

1. FINISHED CONNECTORS (AFTER FINAL INSPECTION) TO BE PACKED INTO CONDUCTIVE HIPS TAPE AND REEL. ONE REEL SHOULD HOLD 100 CONNECTORS.
2. 7 EMPTY POCKETS SEALED OF TAPE LEADER AND 13 EMPTY POCKETS SEALED OF TAPE TRAILER.
3. A FULLY LOADED CARTON SHOULD CONTAIN 4 REELS (400 PCS) OF CONNECTOR.

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DWG. NO. P-RJE3A-288-1X02-N			REV A
CODE ID NO. 03554	DWG SIZE: X	SCALE: FIT	SHEET 2 OF 2