

RECOMMENDED P.C.B. LAYOUT
(COMPONENT SIDE OF BOARD)

LOCATE HOLES
 $\pm \phi 0.13 \pm .005$
 HOLE POSITIONS ARE BASIC

NOTES:

ELECTRICAL:

- VOLTAGE RATING : 125 VAC.
- CURRENT RATING : 1.25 AMP.
- INSULATING RESISTANCE : 500 MEGAOHMS MINIMUM.
- DIELECTRIC STRENGTH : 1000 VAC 60Hz, 1MIN.
- CATEGORY 6A CHARACTERISTIC:

Frequency MHz	Near-End Cross talk dB, Min.	Return Loss dB, Min.	Insertion loss dB, Max.
1.0	75.0	30.0	0.10
4.0	75.0	30.0	0.10
8.0	75.0	30.0	0.10
10.0	74.0	30.0	0.10
16.0	69.9	30.0	0.10
20.0	68.0	30.0	0.10
25.0	66.0	30.0	0.10
31.25	64.1	30.0	0.11
62.5	58.1	30.0	0.16
100.0	54.0	28.0	0.20
200.0	48.0	22.0	0.28
250.0	46.0	20.0	0.32
300.0	42.9	18.5	0.35
400.0	37.9	16.0	0.40
500.0	34.0	14.0	0.45

MECHANICAL:

- HOUSING : HIGH TEMP THERMOPLASTIC, UL 94V-0.
- INSERT : HIGH TEMP THERMOPLASTIC UL 94V-0.
- CONTACT : PHOSPHOR BRONZE.
 SELECTIVE GOLD PLATING ON MATING SURFACE,
 SEE AMPHENOL PART NUMBER FOR DETAIL.
 50u" MIN. NICKEL UNDERPLATE
 100u" MIN. MATTE TIN PLATING ON CONTACT SOLDER TAIL.
- SHIELD : STAINLESS STEEL WITH TIN FINISHED ON TAILS

ENVIRONMENTAL:

- STORAGE : -40° TO +85°.
 - OPERATION : -55° TO +85°.
- MATES WITH MODULAR PLUG CONFORMING TO TIA 1096.
 RECOMMENDED SOLDER PROCESS:
 WAVE SOLDER, PEAK TEMPERATURE 260° FOR 5~8 SECONDS.
 REFLOW SOLDER, PEAK TEMPERATURE 260° FOR 10 SECONDS
 MAXIMUM.

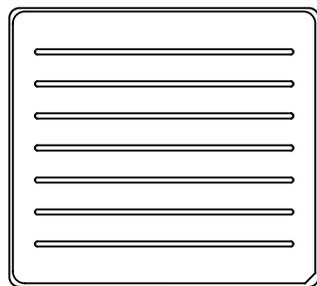
AMPHENOL PART NUMBER: RJE4A-188-2X03

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

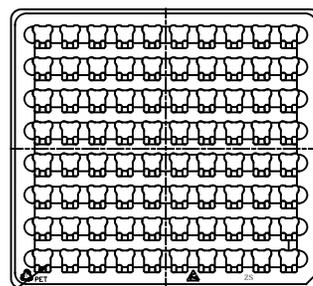
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL PER EAR# RJ21043	JUL08/21	L.CHAN
B	FIX THE ERROR FOR TIN-DIPPED ON TAILS	JUL08/21	L.CHAN
C	CORRECTED THE TAILS DIMENSIONS	MAR28/22	L.CHAN

UNLESS SPECIFIED OTHERWISE	DRAWN RONNIE.C	JUL08/21	Amphenol Canada Corp. Commercial Products
PRIMARY UNITS MILLIMETERS	CHECKED KELVIN.T	JUL08/21	
SECONDARY INCHES	M.E. APP'D		VERTICAL MODULAR JACK, SINGLE PORTS, 8 POSITION, 8 CONTACTS, NON-LED, SHIELDED W/O SIDE TABS, CAT6A, WITH .157INCH TAILS TRAY PACKAGING -RoHS COMPLIANT
REFERENCE IN PARENTHESES	Q.A. APP'D		
1 DECIMAL PLACE	DWG APP'D		DWG NO. P-RJE4A-188-2X03
2 DECIMAL PLACES ±0.38	ENG. REL. NO.		
3 DECIMAL PLACES	REF. EAR RJ21043		REV C
ANGULAR DEGREES	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 DWG SIZE: C SCALE: N/A SHEET 1 OF 2

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
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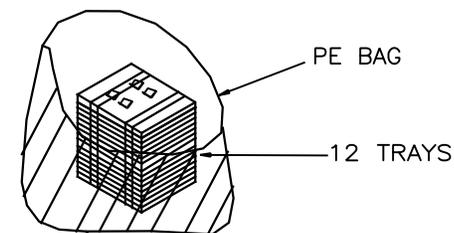
TOP TRAY



BOTTOM TRAY

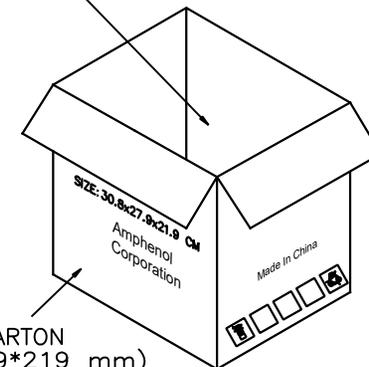


CONNECTORS



PE BAG

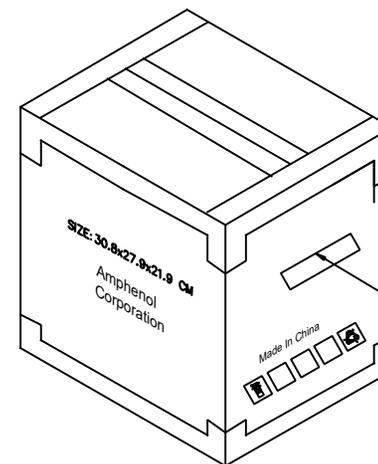
12 TRAYS



CARTON
(308*279*219 mm)

NOTES:

1. FINISHED CONNECTORS (AFTER FINAL INSPECTION) TO BE PACKED INTO CONDUCTIVE HIPS TRAYS, 80 CONNECTORS PER TRAY.
2. TOTAL 12 TRAYS LOADED WITH CONNECTORS TO BE PACKED INTO PE BAG, MUST SEAL PE BAG.
3. TRAYS & CARTONS MATERIAL MUST BE ABLE TO WITHSTAND IMPACT DURING PRODUCT TRANSPORTATION TO PREVENT ANY DAMAGE TO FINISHED CONNECTORS.
4. EACH TRAY AND CARTON OF PARTS TO BE LABELLED WITH AMPHENOL CANADA PART NUMBER, DATE CODE, QUANTITY, COUNTRY OF ORIGIN, AND CSA/UL LOGO WHEN APPROVED.



AMPHENOL P/N: RJE4A-188-2X03 Q' TY: 960
 LOT# DATE CODE CTY OF ORIGIN: CN

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