



RECOMMENDED P.C.B LAYOUT

**ELECTRICAL CHARACTERISTICS**

- VOLTAGE: 250 VAC (rms) Max.
- CURRENT RATING: 3 AMPS PER CONTACT
- CONTACT RESISTANCE: 25 mOhms Max.
- INSULATION RESISTANCE: 5000 MOhms Min.
- dIELECTRIC WITHSTANDING: 1000 VAC (rms)
- TOTAL MATING FORCE: 6.0 Kgf Max.
- TOTAL UNMATING FORCE: 1.2 Kgf Min.
- OPERATING TEMPERATURE: -55°C TO +85°C

**MATERIAL CHARACTERISTICS**

- HOUSING: PA9T, UL94V-0, BLACK
- CONTACTS: COPPER ALLOY
- SHELL: SPCC
- BOARDLOCK: COPPER ALLOY
- BRACKET: ZINC ALLOY
- SCREWLOCK: COPPER ALLOY

**PLATING CHARACTERISTICS**

- CONTACTS: GOLD FLASH OVER NICKEL AT CONTACT AREA
- TIN PLATED OVER NICKEL AT THE SOLDER AREA
- SHELL: NICKEL PLATED
- BOARDLOCK: TIN PLATED
- BRACKET: NICKEL PLATED
- SCREWLOCK: NICKEL PLATED

**178-YYY-613R577**

- SERIES \_\_\_\_\_
- POSITIONS \_\_\_\_\_
- H15 \_\_\_\_\_
- GENDER \_\_\_\_\_
- 61 = MALE OVER MALE \_\_\_\_\_
- SHELL PLATING \_\_\_\_\_
- 3 = NICKEL \_\_\_\_\_
- RoHS COMPLIANT (HIGH TEMP. PROCESS) \_\_\_\_\_
- HARDWARE OPTIONS \_\_\_\_\_
- 57 = 4-40 STAND OFFS/BOARD LOCKS \_\_\_\_\_
- PLATING OPTIONS \_\_\_\_\_
- 7 = GOLD FLASH MATING AREA WITH TIN TAILS \_\_\_\_\_

RoHS COMPLIANT

UNITS = mm

DO NOT SCALE FROM DRAWING



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J. KADEL

DATE:

07/05/2018

NorComp

SCALE:

NTS

SHEET

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DWG NO.

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