



⊗ P.C.B EDGE

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-613R497

- SERIES _____
- POSITIONS _____
- H15 _____
- GENDER _____
- 61 = MALE OVER MALE _____
- SHELL PLATING _____
- 3 = NICKEL _____
- RoHS COMPLIANT (HIGH TEMP. PROCESS) _____
- HARDWARE OPTIONS _____
- 49 = 4-40 INSERTS/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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DATE: 07/05/2018

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SCALE: NTS	SHEET 1 OF 1	REV 3
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