

£ 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 MilliOhms 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: SEE PART NUMBER KEY BELOW
- SHELL: NICKEL PLATED
- BOARDLOCK: TIN PLATED
- BRACKET: NICKEL PLATED
- SCREWLOCK: NICKEL PLATED


**189-HYY-513R49Y**

- SERIES \_\_\_\_\_
- POSITIONS \_\_\_\_\_
- H15 \_\_\_\_\_
- GENDER \_\_\_\_\_
- 51 = FEMALE OVER FEMALE
- SHELL PLATING \_\_\_\_\_
- 3 = NICKEL
- RoHS COMPLIANT (HIGH TEMP. PROCESS) \_\_\_\_\_
- HARDWARE OPTIONS \_\_\_\_\_
- 49 = 4-40 INSERTS/BOARD LOCKS
- PLATING OPTIONS \_\_\_\_\_
- 2 = 30u" GOLD PLATING MATING AREA & BRIGHT TIN IN SOLDER AREA
- 7 = GOLD FLASH OVER NICKEL IN MATING AREA WITH TIN OVER NICKEL TAILS

**RoHS COMPLIANT**

UNITS = mm

**DO NOT SCALE FROM DRAWING**

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SCALE: NTS	SHEET 1 OF 1	REV 5
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