### Primary Content

**PART NUMBER CODING**

**NUMBER OF ROWS**
1. SINGLE ROW
2. DUAL ROWS

**NUMBER OF POSITIONS** (CONTACTS PER ROW, 02-THRU 46)

**PLATING**
- (.0003"~.00005" NICKEL UNDER PLATED)
- P = GOLD FLASH OVERALL
- T = TIN OVERALL

**INSULATOR MATERIAL**
- P = POLYESTER, UL 94V-0
- PROCESSING TEMP. = WAVE ONLY
- N = NYLON ST.
- *PROCESSING TEMP. = 260° C FOR 10 SECS.

### Dual Rows

**DIMENSIONS**
- A±.014(.35)
- B±.014(.35)

**TOLERANCE:**
- A±.004(.10)
- B±.004(.10)
- .040±.002(.12)

**RECOMMENDED PCB LAYOUT**

### Single Row

**DIMENSIONS**
- A±.014(.35)
- B±.014(.35)

**TOLERANCE:**
- .020±.008(.10)
- .030±.012(.20)

**RECOMMENDED PCB LAYOUT**

### Notes

1. **INSULATOR MATERIAL:** SEE PART NUMBER CODING.
2. **CONTACT MATERIAL:** .PHOSPHOR BRONZE.
3. **CONTACT PLATING:** SEE PART NUMBER CODING.
4. **CURRENT RATING:** 3 AMPS PER CONTACT.
5. **VOLTAGE RATING:** 500V AC/DC
6. **INSULATOR RESISTANCE:** 5000 MEGOHMS MIN.
7. **CONTACT RESISTANCE:** 20 MILLIOHMS MAX.
8. **DIELECTRIC WITHSTANDING:** 500V AC.
9. **OPERATING TEMPERATURE:** -40° C TO +105° C.
10. **MAX. PROCESSING TEM:** SEE PART NUMBER CODING.
11. **MATES WITH SULLINS .100 [2.54] CONTACT CENTER MALE HEADER SERIES. (.025 [0.64] SQUARE POSTS)**

*INDICATED TEMPERATURE AND TIME IS FOR COMPONENT INSULATOR. HIGHER PROCESSING TEMPERATURES MAY BE USED, PROVIDED HEAT IS APPLIED FROM BACK SIDE OF PCB, AND INSULATOR DOES NOT EXCEED INDICATED TEMPERATURE AND TIME.

### Revisions

- **E 1869**: UPDATE MAX CONTACT DEPTH, TOLERANCE & NOTE, ADD SINGLE ROW PCB LAYOUT 12/23/2008 JH
- **F 2055**: UPDATE MIN. CONTACT DEPTH TO 2.29mm (WAS 3.175), MAX. CONTACT DEPTH TO 6.00mm (WAS 6.05), INSULATOR WIDTH TO 2.50mm (WAS 2.54) FOR 1-ROW, 5.08mm (WAS 5.00) FOR 2-ROW 11/12/09 LH
- **G 2164**: CORRECT STANDOFF ON THE RIGHT VIEW AND THE ISO VIEW. 7/28/2010 LH
- **H 2516**: UPDATE CONTACT POINT DIST TO REF, ADD NOTE 10 PROCESSING TEMP. & NOTE 11 MATING PARTS 02/14/2012 LH

### Headline

**HEADER FEMALE, 2.54mm CC, ST**

**FILE NAME:** 10492, PXpXXXXLFBN-RC

**CAGE CODE:** 54453

**PART NUMBER:** 10492

**DRAWN DATE NAME:** 12/15/2008 JH

**DRAWN:** 10492 H

**SCALE:** 16:1

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