



**SPECIFICATIONS :**

INSULATOR MATERIAL : P.B.T & GLASS-FIBER REINFORCED  
 UL 94V-0  
 CONTACT MATERIAL : PHOSPHOR BRONZE , GOLD OVER NICKEL  
 INSULATION RESISTANCE : 500 MΩ MIN  
 CONTACT RESISTANCE : 35 mΩ MAX.  
 DIELECTRIC WITHSTANDING VOLTAGE : AC 250V FOR 1 MINUTE.  
 OPERATING TEMPERATURE : -55°C ~ +105°C

8AL 050 S - 3 2 0 J 0 - 10  
 (1) (2) (3) (4) (5) (6) (7) (8) (9)

**1. SERIES NUMBER :**

8AL : HIGH DENSITY (1.27(.050")) SPRACING MINI CONNECTOR R/A P.C.B ALL PLASTIC TYPE

**2. NO OF CONTACTS :**

EX 050 : 50 POSITIONS

**3. CONTACT TYPE :**

P : PLUG S : SOCKET

**4. COLOR (INSULATOR) :**

3 : BLACK

**5. CONTACT FINISH :**

- 0 : SELECTED GOLD FLASH OVER 30μ" NICKEL
- 2 : 15μ" SELECTED GOLD OVER 50μ" NICKEL
- 3 : 30μ" SELECTED GOLD OVER 50μ" NICKEL

**6. METAL SHELL FINISH :**

- 0 : ALL PLASTIC (W/O METAL SHELL)
- 1 : TIN PLATED SHELL, WITH GROUNDING INDENTS
- 4 : TIN PLATED SHELL, W/O GROUNDING INDENTS
- 5 : NICKEL PLATED SHELL, W/O GROUNDING INDENTS
- 6 : NICKEL PLATED SHELL, WITH GROUNDING INDENTS

**7. METAL SHELL FINISH :**

**MATING HOLES**

- A : 4-4D UNC
- B : 4-4Q UNC
- C : 4-4Q UNC
- D : 2-56 UNC
- E : 2-56 UNC
- F : 2-56 UNC
- G : M2.6 \* 0.45
- H : M2.6 \* 0.45
- J : \_\_\_\_\_

**MOUNTING HOLES**

- 4-4Q UNC
- 2-56 UNC
- HARPOON
- 2-56 UNC
- 4-4Q UNC
- HARPOON
- M2.6 \* 0.45
- HARPOON
- HARPOON

**8. BRACKET TYPE :**

- 0 : W/O BRACKET
- 1 : WITHOUT RAILS, WITH LATCH BLOCKS
- 2 : WITH RAILS & LATCH BLOCK
- 3 : WITHOUT RAILS & LATCH BLOCKS

**9. SUFFIX NUMBER :**

- 10 : EDA LOGO

|                  |                  |                  |                  |     |                  |
|------------------|------------------|------------------|------------------|-----|------------------|
| 41.91<br>(1.650) | 48.13<br>(1.813) | 49.31<br>(1.947) | 53.13<br>(2.091) | 68  | 8AL068S-320J0-10 |
| 30.49<br>(1.200) | 10.96<br>(1.366) | 37.89<br>(1.491) | 41.70<br>(1.642) | 50  | 8AL050S-320J0-10 |
| D                | C                | B                | A                | POS | PART NO.         |

|          |                       |        |   |   |   |
|----------|-----------------------|--------|---|---|---|
| MATERIAL | TOLERANCE UNSPECIFIED | ±      | ± | ± | ± |
|          | .0 0 0                | ± 0.25 | ± | ± | ± |
| ANGLE    | ±                     | ±      | ± | ± | ± |
| FINISH   |                       |        |   |   |   |

**EDA INC.**

8AL SERIES 1.27(.050) R/A P.C.B  
 ALL PLASTIC TYPE(REC)

DRAWING NO: R-S18AL-3

SCALE: 1.25:1

UNIT: mm(Inch)

DESIGNER: 高野 邦彦

CHECKED: 高野 邦彦

APPROVED: 高野 邦彦

DRAWING NO: R-S18AL-3

REV: 2