

# A16a SHROUDED HEADER IDC TYPE WITH STEEL SWIN-LOCK

PITCH: 2.54mm

## SPECIFICATIONS

### Material

Insulator : PBT, glass reinforced, rated UL 94V-0

Contact : Brass

### Electrical

Current Rating : 1 Amp DC

Contact Resistance : 30 mΩ max.

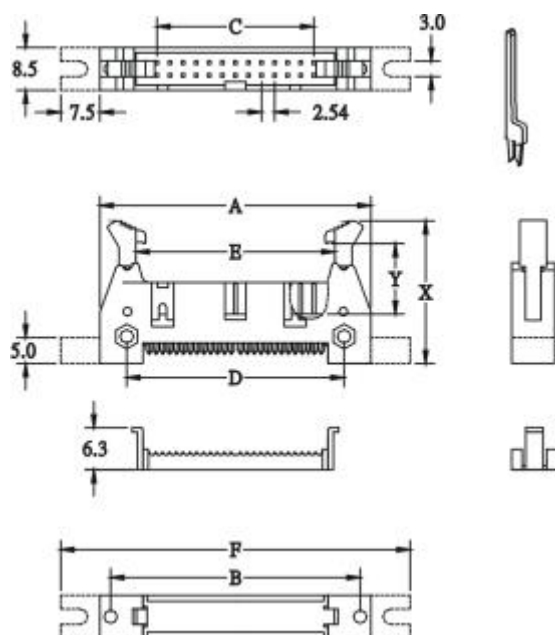
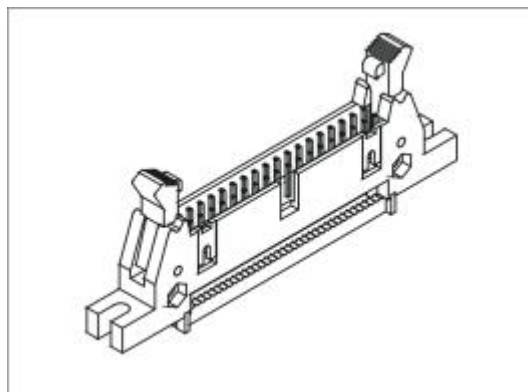
Insulation Resistance : 3000 MΩ min.

Dielectric Withstanding Voltage : 500V AC for 1minute

Operating Temperature : -40℃ to +105℃

♦ Terminated with 1.27mm pitch flat ribbon cable.

♦ Mating Suggestion : A01, A01a, A29 & A35 series.



| POSITION | A      | B     | C     | D     | E     | F      |
|----------|--------|-------|-------|-------|-------|--------|
| 10       | 31.96  | 25.40 | 10.16 | 21.84 | 17.96 | 47.08  |
| 14       | 37.10  | 30.48 | 15.24 | 26.92 | 23.04 | 52.18  |
| 16       | 39.62  | 33.02 | 17.78 | 29.46 | 25.58 | 54.84  |
| 20       | 44.74  | 38.10 | 22.86 | 34.54 | 30.66 | 59.90  |
| 24       | 49.82  | 43.18 | 27.94 | 39.62 | 35.74 | 64.98  |
| 26       | 52.22  | 48.26 | 30.48 | 42.16 | 38.28 | 67.24  |
| 30       | 57.46  | 53.26 | 35.56 | 46.74 | 43.58 | 72.64  |
| 34       | 62.52  | 58.42 | 40.64 | 52.32 | 48.44 | 77.48  |
| 40       | 70.18  | 66.04 | 48.26 | 59.94 | 56.60 | 85.36  |
| 50       | 82.74  | 78.74 | 60.96 | 72.64 | 68.76 | 97.90  |
| 60       | 95.68  | 91.44 | 73.66 | 85.34 | 81.45 | 110.66 |
| 64       | 100.70 | 96.52 | 78.74 | 90.42 | 86.54 | 115.62 |

| ACCESSORIES | X    | Y    |
|-------------|------|------|
| LONG LATCH  | 29.2 | 14.6 |
| SHORT LATCH | 25.6 | 10.6 |

## HOW TO ORDER:

A16a -  1 -  2 -  3 -  4 -  5

| 1.NO. OF CONTACT                          | 2.CONTACT MATERIAL | 3.CONTACT PLATING                                                                                                                 | 4.SPECIAL FUNCTION                                                                                                 | 5.INSULATOR COLOR |
|-------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------|
| 10 14 16 20 24<br>26 30 34 40 50<br>60 64 | A: BRASS           | T: TIN PLATED<br>S: SELECTIVE<br>G: GOLD FLASH<br>A: 5u" INCH GOLD<br>B: 10u" INCH GOLD<br>C: 15u" INCH GOLD<br>D: 30u" INCH GOLD | A: W LONG LATCH<br>W EAR<br>B: W SHORT LATCH<br>W EAR<br>C: W LONG LATCH<br>W/O EAR<br>D: W SHORT LATCH<br>W/O EAR | 2. GREY           |