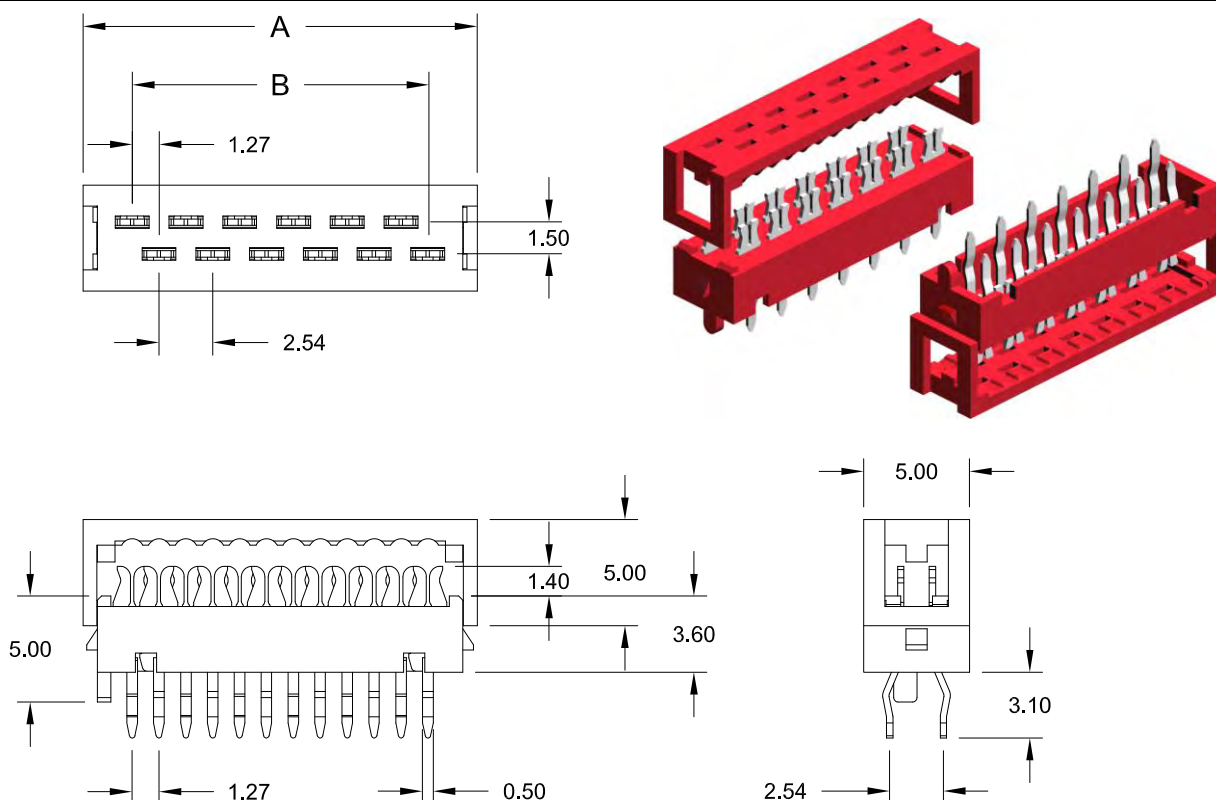
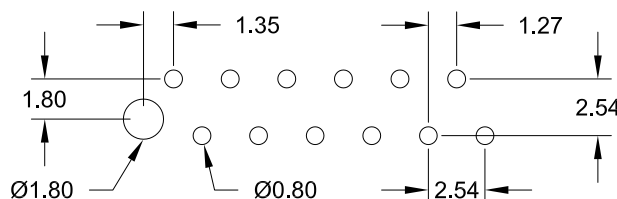


# Mini – Flex Connector

IDC pitch 1.27mm - THT - Plug



## PCB Hole Layout



## Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Current rating        | 1.5 A max.                           |
| Voltage rating        | 230 V AC/DC                          |
| Withstanding voltage  | 500 V AC                             |
| Contact resistance    | 20 mΩ max.                           |
| Insulation resistance | 1000 MΩ min.                         |
| Operating temperature | - 55°C to + 105°C                    |
| Insulator material    | (RoHS compliant) PBT (red) UL 94 V-0 |
| Contact material      | (RoHS compliant) Phosphor Bronze     |

## Ribbon Cable Recommendation

|                     |                                                    |
|---------------------|----------------------------------------------------|
| Cable Type          | Ribbon UL Style 2651                               |
| Spacing             | 1.27mm                                             |
| Wire range          | stranded 0.08 – 0.09 mm² AWG 28<br>solid Ø 0.30 mm |
| Insulation Diameter | 0.90 mm                                            |

## Dimensions (mm)

| Contacts | DIM "A" | DIM "B" | Contacts | DIM "A" | DIM "B" | Contacts | DIM "A" | DIM "B" |
|----------|---------|---------|----------|---------|---------|----------|---------|---------|
| 004      | 8.45    | 3.81    | 012      | 18.61   | 13.97   | 020      | 28.77   | 24.13   |
| 006      | 10.99   | 6.35    | 014      | 21.15   | 16.51   |          |         |         |
| 008      | 13.53   | 8.89    | 016      | 23.69   | 19.05   |          |         |         |
| 010      | 16.07   | 11.43   | 018      | 26.23   | 21.59   |          |         |         |

## How to order

MFP - xxx - DC50 - 99

### Nbr of contacts

004; 006; 008; 010  
012; 014; 016; 018  
020

### Plating

99 = Tin  
(leadfree)  
other platings  
on request