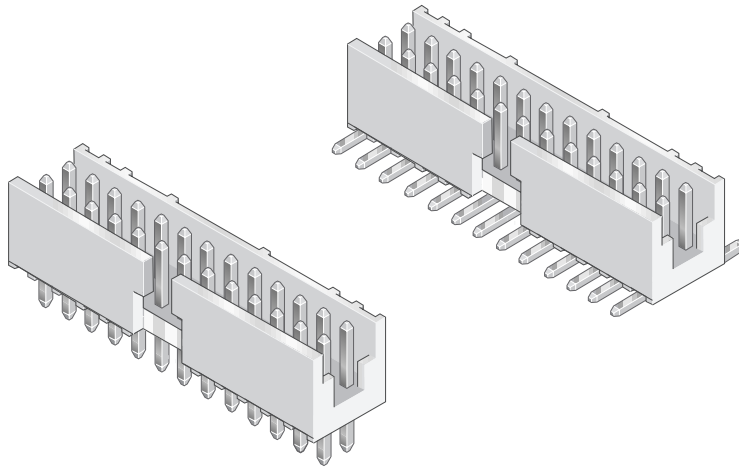




- New 4-wall design prevents mis-mating
- Selective plating



Technical Data

Physical

Housing: High temperature, cream-colored thermoplastic
 Flammability rating: UL 94 V-0
 Pin: Phosphor-bronze
 Plating: Gold over 1.27 µm nickel



Electrical Performance

Current rating: 2 A continuous
 Insulation resistance: 1000 MΩ min.
 Contact resistance: 25 mΩ max.
 Dielectric withstanding voltage: 650 V
 Voltage rating: 200 V

Mechanical Performance

Mating cycles (durability): 100

Operating Temperature

-40°C to +105°C

Packaging

Standard: TMT in tubes (04 to 08 pos. packed in box)
 SMT in Tape-and-reel
 Optional: SMT in Tubes

Reference Information

File no. E66906
 File no. LR46923
 Product drawing: 98414 or 98424
 Product specification: DPS-12-011 and GES-12-163

Specifications subject to change without notice.

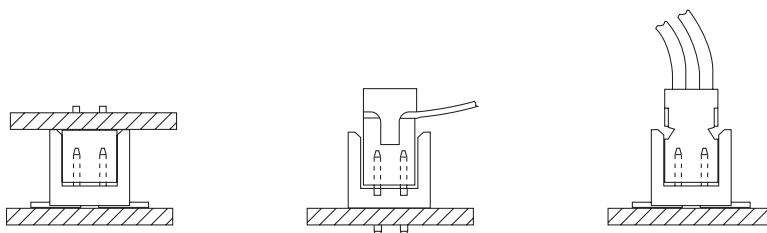
Mating Data

	Page
■ Minitek™ ctw contacts and housings	48
■ Minitek™ IDC receptacles	54

Processing Information

Compatible with wave, vapor-phase, and IR reflow soldering processes

Typical Applications



Part Number



98414 = Through Mount, Double Row
98424 = Surface Mount, Double Row

G = 0,76 µm Gold on mating area,
 2-6 µm Tin-Lead on solder side
F = Gold flash

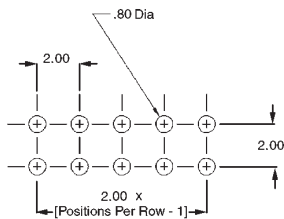
04 to 50

U = Tube (TMT)
A = Tape-and-reel (SMT)

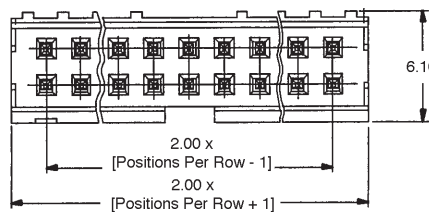
Part Number				
98414	G	06	Total pos.	U
98424	G	52	Total pos.	A

CORE RANGE

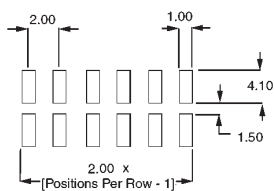
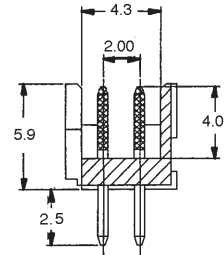
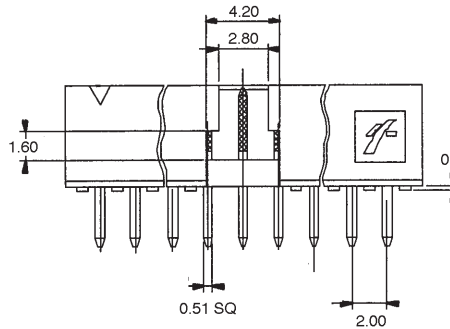
Surface Mount		Through Mount	
Pin Style	Mating side mm	Pin Style	Mating side mm
52	4.00	06	4.00
			Solder side mm
			2.50



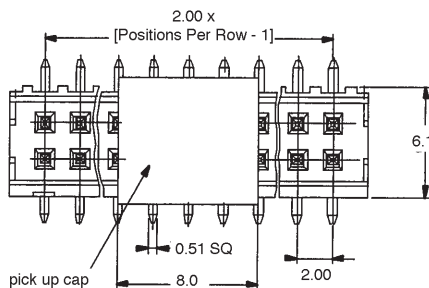
TMT



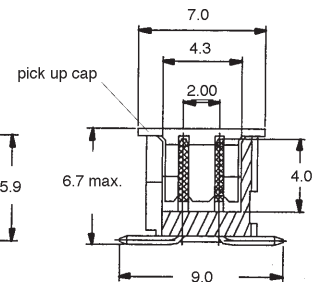
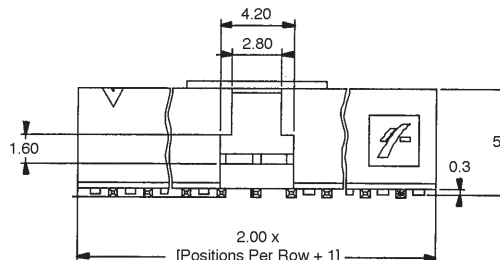
Recommended PCB Layout



SMT



Recommended PCB Layout



Dimensions in mm