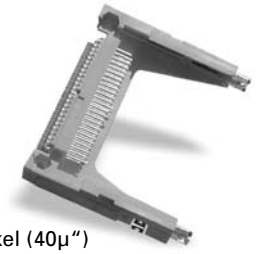
Series CF
Compact Flash Card Reader, Type I and II (w. and w/o Ejector)

Specifications

Insulation Resistance:	1000MΩ at 500V DC
Withstanding Voltage:	500Vrms
Current Rating:	0.5A
Operating Temp. Range:	-55°C to +85°C
Reflow Solder Temp.:	220°C min. / 60 sec, 260°C peak
Mating Cycles:	10,000 times



Materials and Finish

Insulator:	LCP, glass filled (UL94V-0)
SMT Metal:	Brass, pure Sn
Push Button:	Glass reinforced PBT (UL94V-0)
Cover:	Stainless Steal
Contacts:	Brass
Plating:	Contacts - Gold (15µ") over Nickel (40µ")
	Solder Tails - pure Sn

Features

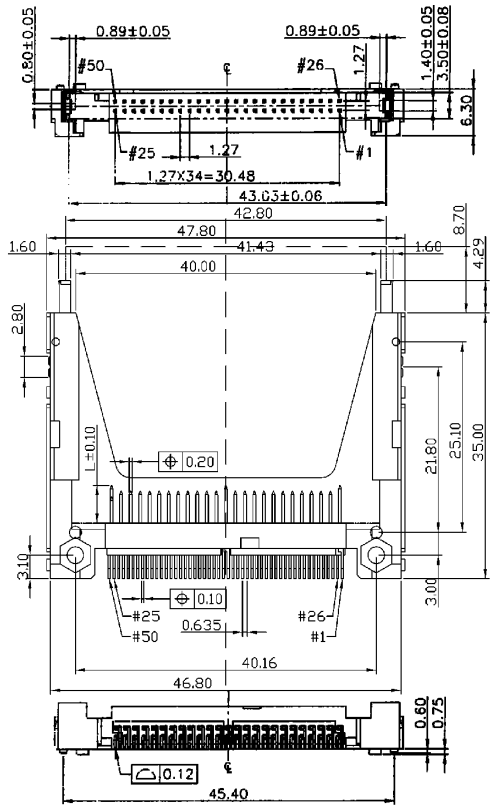
- Adapter for Compact Flash Card Type I and II
- With push button ejector (optional)

Part Number (Details)

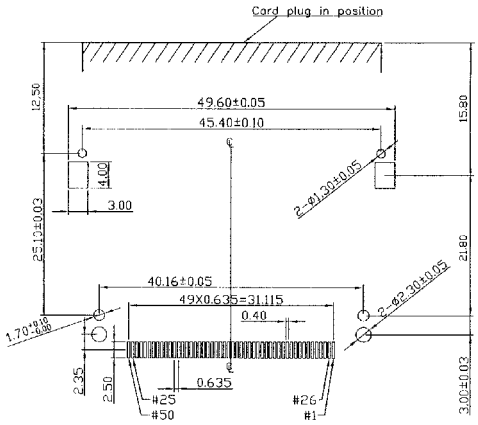
CF 050 P2 - * 0 3 - * 0 - DS 2

- Series
- No. of Contacts
- Stand-off Height:
  0 = without
  1 = 2.20mm
- 0 = Top Mounted on PCB
- 3 = 90° SMT
- Ejector:
  0 = Without
  1 = Right Side
- Plating Area:
  Contacts: Gold (15µ") over 40µ" Nickel
  Solder Tails: 100µ" Tin over 40µ" Nickel
- No Mark = Without Cap
  2 = With Metal Cap for Automatic Assembly

Outline Dimensions (No Stand-off)

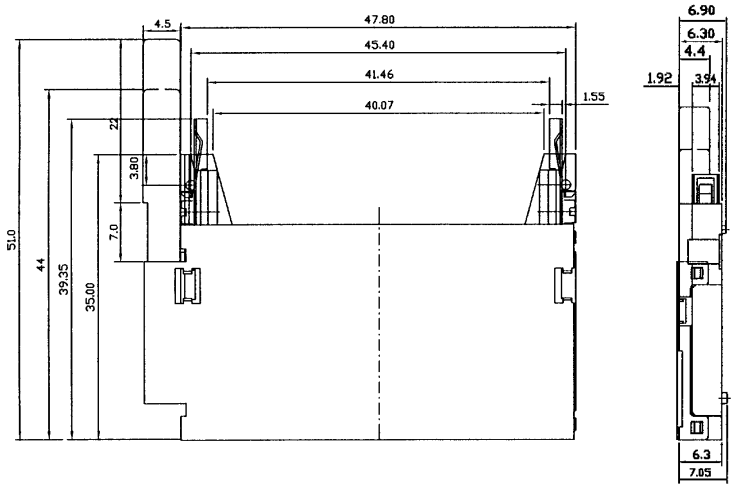


Recommended PCB Layout



Interface Dim. L (Length)			
Power	=	5.00mm	Pin# 1, 13, 38, 50
General	=	4.25mm	all other pins
Detect	=	3.50mm	Pin# 25, 26

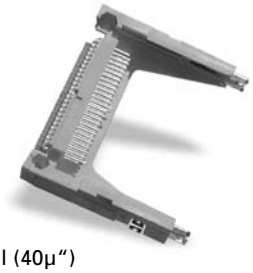
Outline Dimensions (Ejector Option)



SPECIFICATIONS AND DRAWINGS ARE SUBJECT TO ALTERATION WITHOUT PRIOR NOTICE - DIMENSIONS IN MILLIMETER

Specifications

Insulation Resistance:	1000MΩ at 500V DC
Withstanding Voltage:	500Vrms
Current Rating:	1A AC/DC max.
Contact Resistance:	40mΩ max. at 20mV max.
Operating Temp. Range:	-55°C to +85°C
Reflow Solder Temp.:	220°C min. / 60 sec, 260°C peak
Mating Cycles:	10,000 times



Materials and Finish

Insulator:	LCP, glass filled (UL94V-0)
SMT Metal:	Brass, pure Sn
Push Button:	Glass reinforced PBT (UL94V-0)
Cover:	Stainless Steel
Contacts:	Brass
Plating:	Contacts - Gold (15µ") over Nickel (40µ") Solder Tails - pure Sn

Features

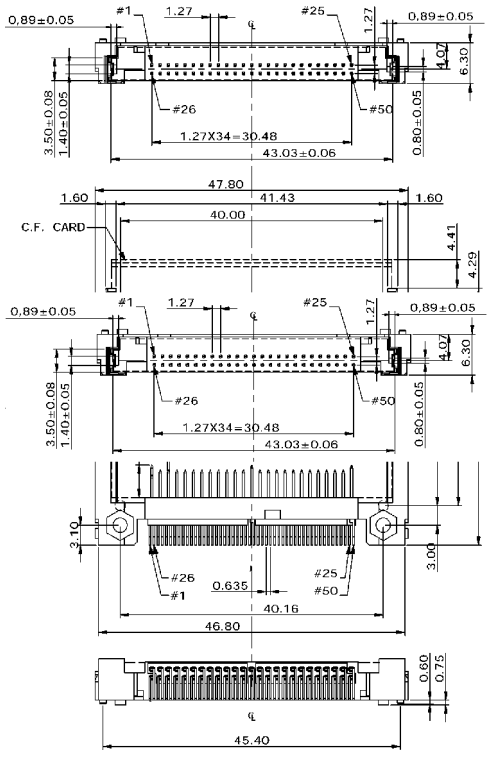
- Adapter for Compact Flash Card type I and II
- Reversed type, for assembly underneath the PCB

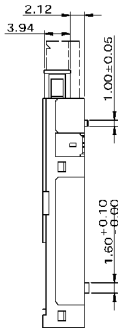
Part Number (Details)

CF 050 P2 - 0 1 3 - * 0 DS 2

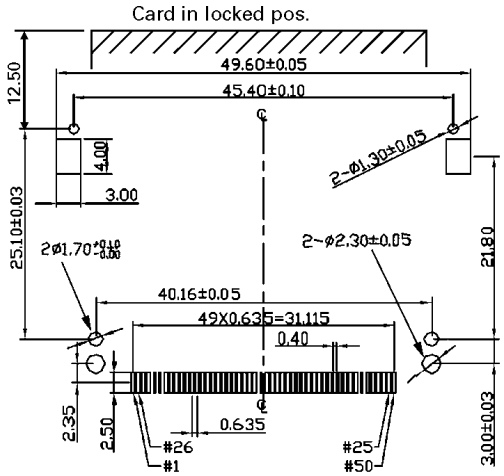
- Series
- No. of Contacts
- Stand-off Height
  0 = Without
- 1 = Bottom Mounted on PCB
- 3 = 90° SMT
- Ejector:
  0 = Without
  1 = Right Side
- Plating Area:
  Contacts: Gold (15µ") over 40µ" Nickel
  Solder Tails: 100µ" Tin over 40µ" Nickel
- No Mark = Without Cap
  2 = With Metal Cap for Automatic Assembly

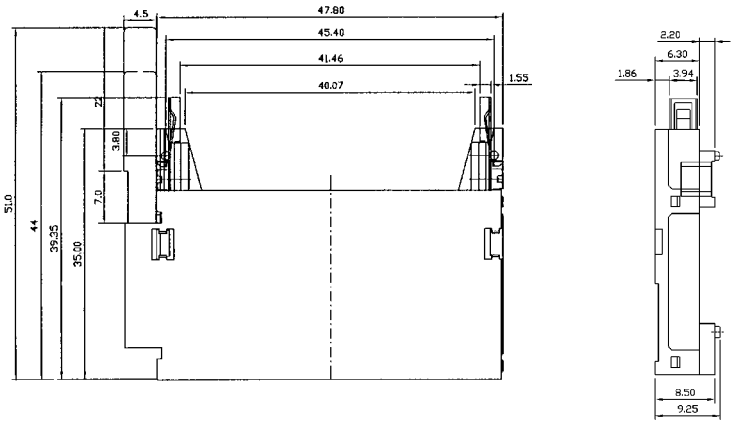
Outline Dimensions





Recommended PCB Layout



Interface Dim. L (Length)			
Power	=	5.00mm	Pin# 1, 13, 38, 50
General	=	4.25mm	all other pins
Detect	=	3.50mm	Pin# 25, 26

Outline Dimensions (Ejector Option)