

# Centronic Connector P.C.B Push Lock Plug & Socket Type



## 57PL Series (Plug)&(Receptacle)

### FEATURES:

- . Contact positions: 14,24,36,50
- . Available in plug & receptacle styles
- . Terminal option with push lock type
- . Equipped with bail latches for Secure locking
- . Metal shell provides grounding and shielding capability
- . Mates with industry compatible connectors

### MATERIALS:

- . Contacts: Phosphor Bronze
- . Housing: PBT (UL 94V-0)
- . Shell: Cold Roller Steel

### ELECTRICAL CHARACTERISTICS:

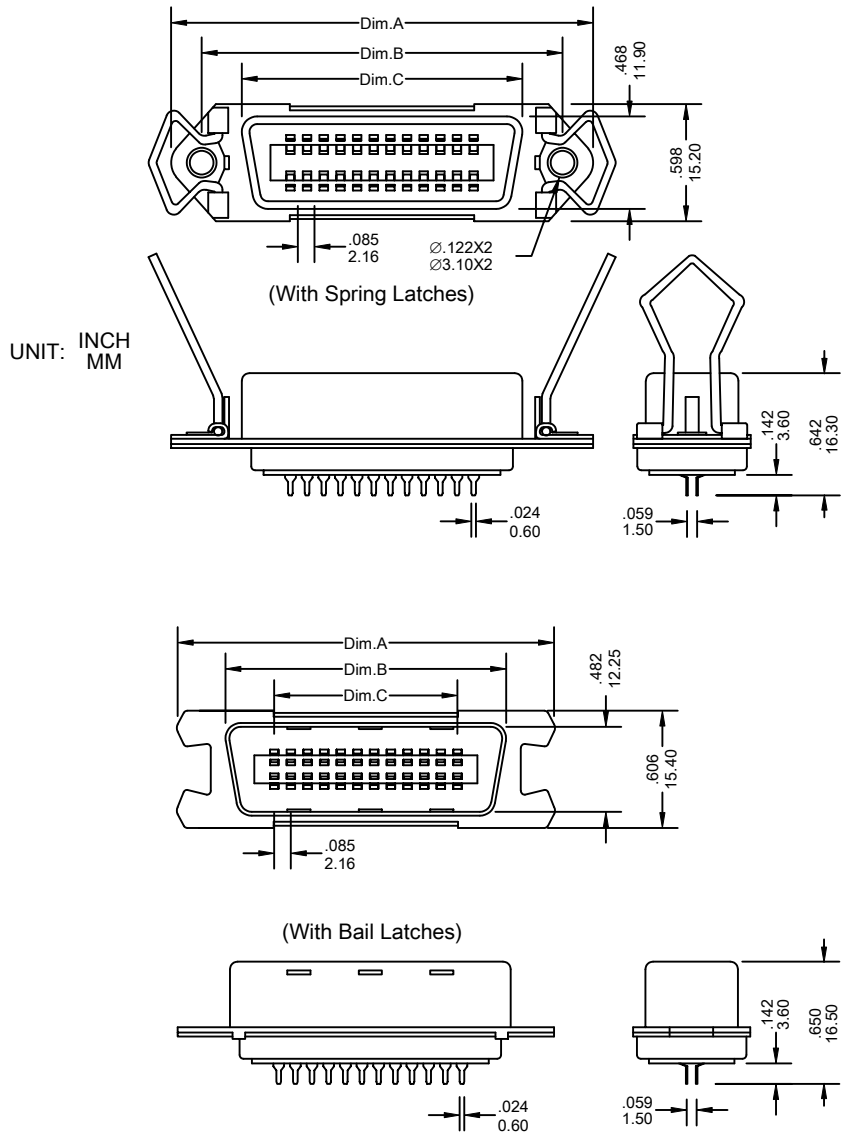
- . Current rating: 5 Amperes
- . Withstanding Voltage: AC 1200V r.m.s
- . Insulation Resistance: 1000 Megohms Minimum at DC 500V
- . Contact Resistance: 30 Milliohms Maximum
- . Operation Temperature: -55C° ~ +105C°
- . Applicable P.C. Board thickness: .063"[1.6mm]

### MECHANICAL CHARACTERISTICS:

- . Contact Resistance Force: 322 g. Maximum
- . Contact Separation Force: 70 g. Minimum

### FINISHES:

- . Contact: Gold Flash ,10,15,30,50u"
- . Shell: Nickel



## Ordering Information 57PL Series

Series No.	Contact Type	No. of Contacts	Contacts Plating	Insulation Color	
57PL	- 10	36	0	0	- PB
57PL Series	10: Through Hole 20: Through Hole 30: Bail Latches (Plug) 40: Spring Latches (Receptacle)	14 36 24 50	0: Gold Flash 1: 5u" Gold 2: 10u" Gold 3: 15u" Gold 4: 30u" Gold 5: Selective Gold Flash 6: Selective 5u" Gold 7: Selective 10u" Gold 8: Selective 15u" Gold 9: Selective 30u" Gold	0: Black 1: Blue 2: White 3: Grey	RoHs

## Dimensional Information

Dim.	Circuits				
	14	24	36	50	
Dim.A±	.005 0.13	1.527 38.80	1.940 49.30	2.441 62.00	3.047 77.40
Dim.B±	.004 0.10	1.007 25.60	1.436 36.47	1.943 49.35	2.534 64.36
Dim.C±	.004 0.10	.510 12.96	.935 23.76	1.446 36.72	2.041 51.84