

Specifications

Insulator Material: Glass filled polyester, Thermoplastic, 94-VO, UL Recognized.
Contact Material: Phosphor Bronze Alloy CA510
Contact Plating: Gold over 50 μ " Nickel, and tin-lead (See part numbering for thicknesses).
Contact Resistance: 20m ohms max. at 1 AMP DC.
Insulation Resistance: 1000M ohms at 500 V DC.
Dielectric Withstand Voltage: 1000 V AC/rms 60Hz for 1 min.
Current Rating: 3 AMP.
Voltage Rating: 250 V AC/rms at 60Hz.
Shell Plating: Steel, 100 μ " Tin over 50 μ " min. Nickel.
Hole Size Requirements: Drilled Hole Dia.: .0378 \pm .001
Plating: .001 to .003 copper and .0003 min Tin.
Finished Hole Diameter: .032 - .035
Recommended Board Thickness: .093 to .125

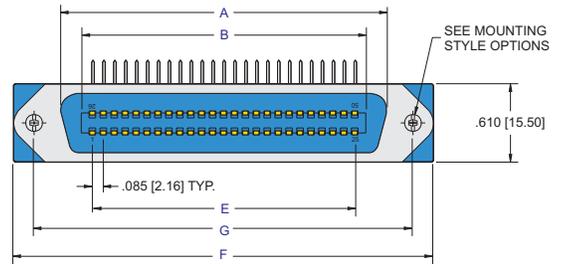
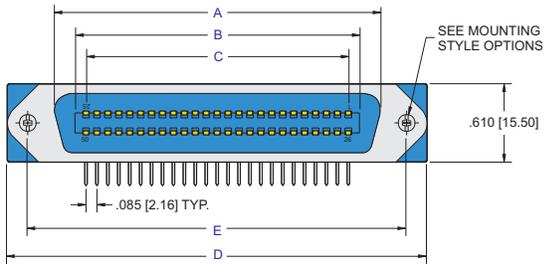
Features

- Available in selective gold plate at contact point
- Many other custom options available, consult factory

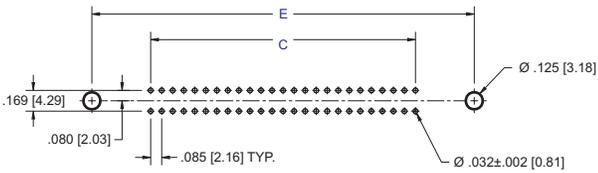
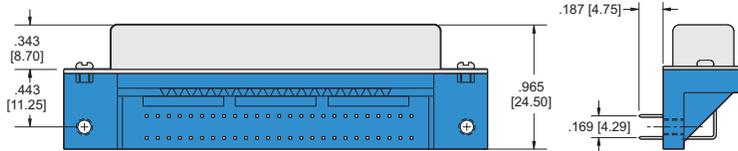


Recognized under the recognized component Program of Underwriters Laboratories, Inc.
For drawings, technical data or samples, contact E.C.S.

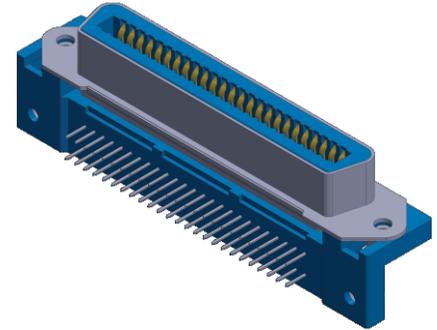
Receptacle Right Angle



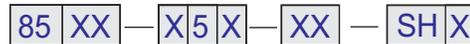
REVERSE ORIENTATION



PCB LAYOUT



PART NUMBERING



SERIES CODE

.085 X .160 Centers

NO. CONTACT PAIRS

07, 12, 18, 25

CONNECTOR STYLE

R = Receptacle

TAIL STYLE

5 = Right Angle

MOUNTING STYLE

- CONNECTOR - BOARD
 1 = #4-40 Screw - #4-40 UNC
 2 = Bail Latch - Board Lock
 3 = #4-40 Screw - Board Lock
 4 = #4-40 UNC - Board Lock
 5 = Bail Latch - #4-40 UNC
 6 = M3-5 Screw - Board Lock
 7 = M3- Screw - Board Lock

Consult Factory for other Mounting Styles

ORIENTATION

- 1 = Reverse
 9 = Short Tail .126-.138
 BLANK = Standard

PLATING

50µ" Nickel Underplate

Mating Area	Tail
05 = Flash Au	100µ" Tin
20 = 15µ" Gold	100µ" Tin
30 = 30µ" Gold	100µ" Tin

CONTACTS	A	B	C	D	E
07/14	1.004 [25.50]	0.679 [17.24]	0.510 [12.96]	1.732 [44.00]	1.417 [36.00]
12/24	1.421 [36.10]	1.102 [27.98]	0.935 [23.76]	2.156 [54.76]	1.843 [46.80]
18/36	1.936 [49.18]	1.609 [40.88]	1.446 [36.72]	2.670 [67.82]	2.350 [59.70]
25/50	2.537 [64.45]	2.209 [56.10]	2.041 [51.84]	3.265 [82.92]	2.949 [74.90]

DIMENSIONS ARE IN INCHES & [MM]