



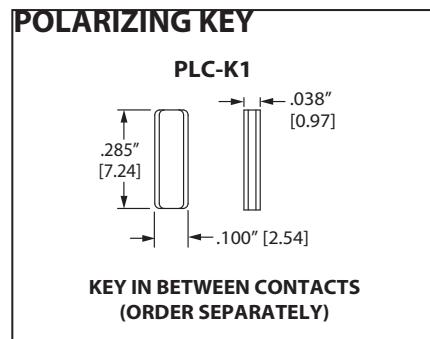
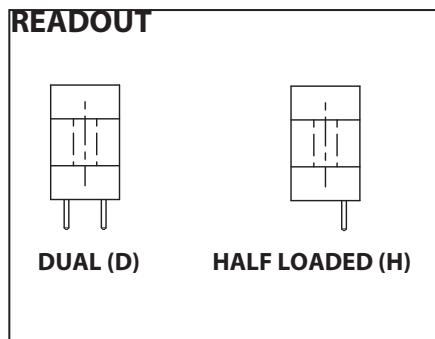
# Female Card Edge

**SULLINS**

**.100" [2.54 mm] Contact Centers, .610" [15.49 mm] Insulator Height,  
[ISA] Dip Solder/Wire Wrap/Right Angle**

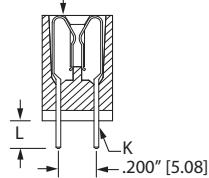
## SPECIFICATIONS

- Accommodates  $.062" \pm .008"$  [1.57 mm  $\pm$  0.20 mm] PC board
- PBT or PA9T insulator
- Molded-in key available
- 3 Amps current rating for one contact energized
- 30 milli Ohms maximum at rate current
- UL Flammability Rating: 94V-0



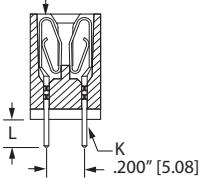
## TERMINATION TYPE

HAIRPIN BELLows

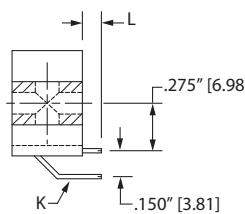


HAIRPIN BELLows  
(CS,CM,CW,CT)

LOOP BELLows



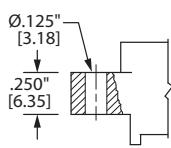
LOOP BELLows  
(TK,RS,RM)



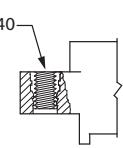
RIGHT ANGLE, DIP SOLDER  
(CA,CB,CC,TA,TB,TM)  
-S605 MODIFICATION

HAIRPIN BELLows	LOOP	TERMINATION TYPE	POST CROSS SECTION K	POST LENGTH L .025" [0.64]	FITS MIN. HOLE SIZE
CM	TK, CK	DIP SOLDER	.025" [0.64] ROUND	.190" [4.83]	.033" [0.84]
	RS	DIP SOLDER	.025" [0.64] SQUARE	.190" [4.83]	.040" [1.02]
	RM	WIRE WRAP	.025" [0.64] SQUARE	.560" [14.20]	.040" [1.02]
	CA	RIGHT ANGLE	.025" [0.64] SQUARE	.100" [2.54]	.043" [1.09]
	CB	RIGHT ANGLE	.025" [0.64] SQUARE	.180" [4.57]	.043" [1.09]
	CC	RIGHT ANGLE	.025" [0.64] SQUARE	.250" [6.35]	.043" [1.09]
	CW	DIP SOLDER	.015" X .025" [0.38 X 0.64]	.125" [3.18]	.035" [0.89]
	CT	DIP SOLDER	.015" X .025" [0.38 X 0.64]	.170" [4.32]	.035" [0.89]
CS		DIP SOLDER	.025" [0.64] SQUARE	.160" [4.06]	.040" [1.02]

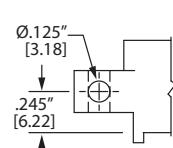
## MOUNTING STYLE



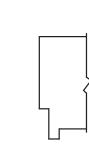
CLEARANCE  
HOLE (H)



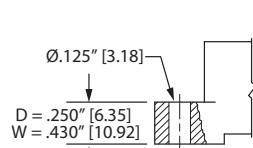
THREADED  
INSERT(I)



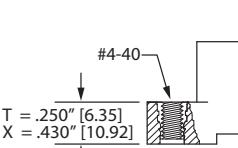
SIDE MOUNTING  
(S)



NO MOUNTING  
EARS (N)



FLUSH MOUNTING  
(D, W)



FLUSH MOUNTING WITH  
THREADED INSERT(T, X)



## PART NUMBER OPTIONS

### MATERIALS (INSULATOR/CONTACT)

E = PBT/Phosphor Bronze (Standard)

G = PA9T/Phosphor Bronze

H = PBT/Beryllium Copper

J = PA9T/Beryllium Copper

(Consult factory for other materials.)

Refer to Page 7 for Operating/Processing Temperatures

### CONTACT FINISH - RoHS Compliant

All platings are Lead Free and have .000050" Nickel underplate

#### Contact Surface      Termination

B = .000010" Gold      .000100" Pure Tin, Matte

C = .000030" Gold      .000100" Pure Tin, Matte

G = .000010" Gold      .000005" Gold

Y = .000030" Gold      .000005" Gold

#### Contact Surface      Overall Plating

S = .000010" Gold      .000010" Gold

M = .000030" Gold      .000010" Gold

E = .000100" Pure Tin, Matte      .000100" Pure Tin, Matte

### CONTACT CENTERS

C = .100" [2.54 mm]

### NUMBER OF CONTACT POSITIONS

18, 31 or 49 (31/18)

### READOUT (Opposite page)

D = Dual

H = Half Loaded

E B C 49 D CW N - S420

### MODIFICATION CODE (Consult Factory)

#### ISA WITH RETENTION FEATURE

-S524 = 18 Positions

-S524 = 31 Positions

-S518 = 49 Positions (31/18)

#### ISA WITHOUT RETENTION FEATURE

-S371 = 18 Positions

-S371 = 31 Positions

-S420 = 49 Positions (31/18) Dip Solder or Wire Wrap

-S605 = 49 Positions (31/18) Right Angle\*\*

### MOUNTING STYLE (Opposite Page)

H = Clearance Holes

I = Threaded Inserts

S = Side Mounting

N = No Mounting

D,W = Flush Mounting

T,X = Flush Mounting With Threaded Inserts

### TERMINATION TYPE (Opposite Page)

#### Hairpin Bellows \*

CS = .025" [0.64 mm] Square Dip Solder

CM = .025" [0.64 mm] Square Wire Wrap

CA,CB,CC = .025" [0.64 mm] Square Right Angle

CW,CT = .015" X .025" [0.38 mm X 0.64 mm] Dip Solder

#### Loop Bellows

RS = .025" [0.64 mm] Square Dip Solder

TK = .025" [0.64 mm] Round Dip Solder

RM = .025" [0.64 mm] Square Wire Wrap

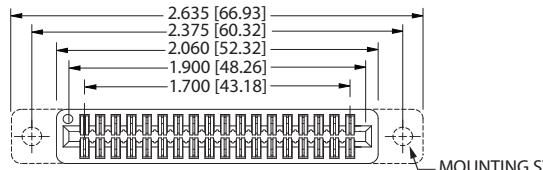
TA,TB,TM = .025" [0.64 mm] Square Right Angle

\* Available in B or C Plating and Phosphor Bronze only

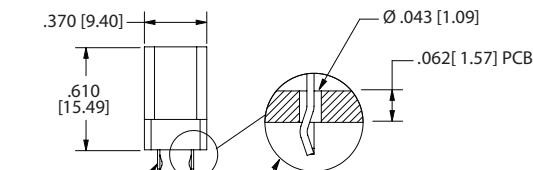
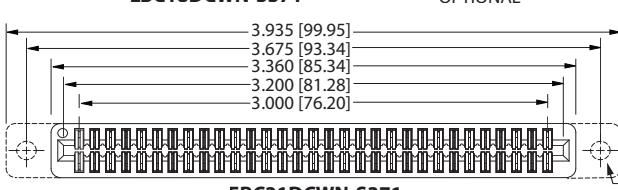
Consult Factory for Cantilever Terminations

## DIMENSIONS

Dimensions in [ ] are in millimeters, all others are in inches.

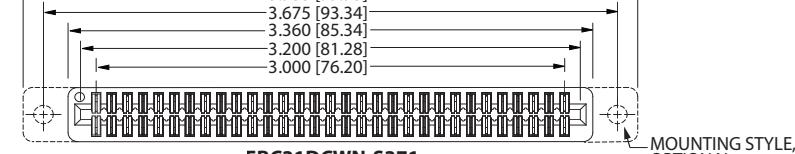


MOUNTING STYLE, OPTIONAL

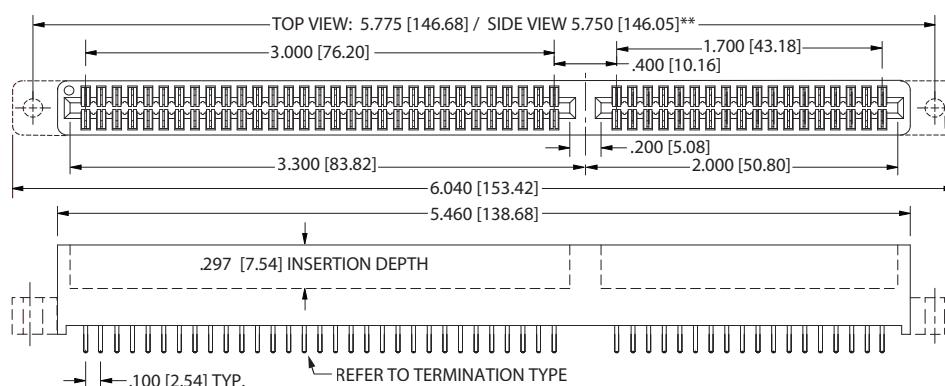


REFER TO TERMINATION TYPE (Opposite Page)

RETENTION FEATURE ON MIDDLE TERMINALS FOR PART NUMBERS  
EBC18DCWN-S524  
EBC31DCWN-S524  
EBC49DCWN-S518



MOUNTING STYLE, OPTIONAL



18 POSITIONS

**EBC49DCWN-S420 (DIP SOLDER OR WIRE WRAP)  
EBC49DCAN-S605 (RIGHT ANGLE)**

**\*\* 5.750 [146.05] ONLY APPLIES IF P/N ENDS WITH -S605 AND HAS SIDE MOUNTING (MTG CODE 'S')**