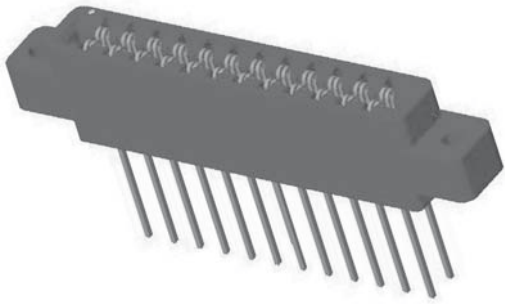
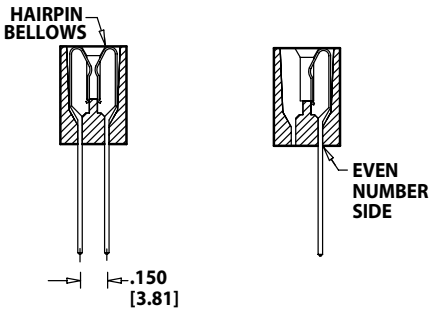
.150" [3.81mm] Contact Centers, .550" Insulator Height
Dip Solder/Wire Wrap

SPECIFICATIONS

- Accommodates .062" ± .008" [1.57 ± .20] PC board
- PBT, PPS or PA9T insulator
- Molded-in key available
- 3 amp current rating per contact
- 30 milli ohm max. at rated current

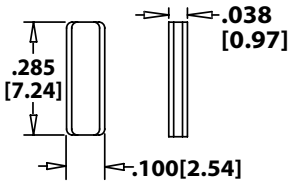


READOUT



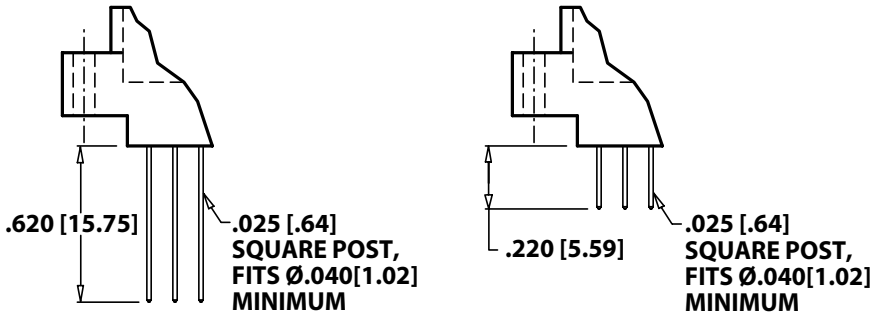
POLARIZING KEY

PLC-K1

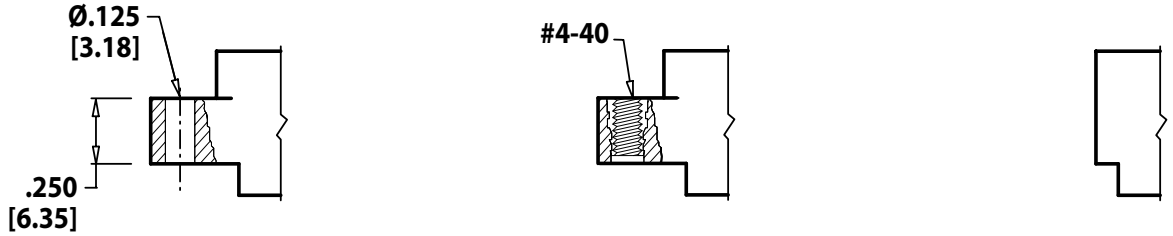


KEY IN BETWEEN CONTACTS (ORDER SEPARATELY)

TERMINATION TYPE



MOUNTING STYLE



.150" [3.81mm] Contact Centers, .550" Insulator Height
Dip Solder/Wire Wrap

PART NUMBER CODING

E B J 26 D MC H - Sxxx

MATERIALS (Insulator/Contact)
E = PBT/Phosphor Bronze (Standard)
R = PPS/Phosphor Bronze
G = PA9T/Phosphor Bronze
(Consult Factory for Other Materials)

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

CONTACT CENTERS
J = .150" [3.81mm]

NUMBER OF CONTACT POSITIONS
See Chart Below

MODIFICATION CODE (Consult Factory)
OMIT FOR STANDARD

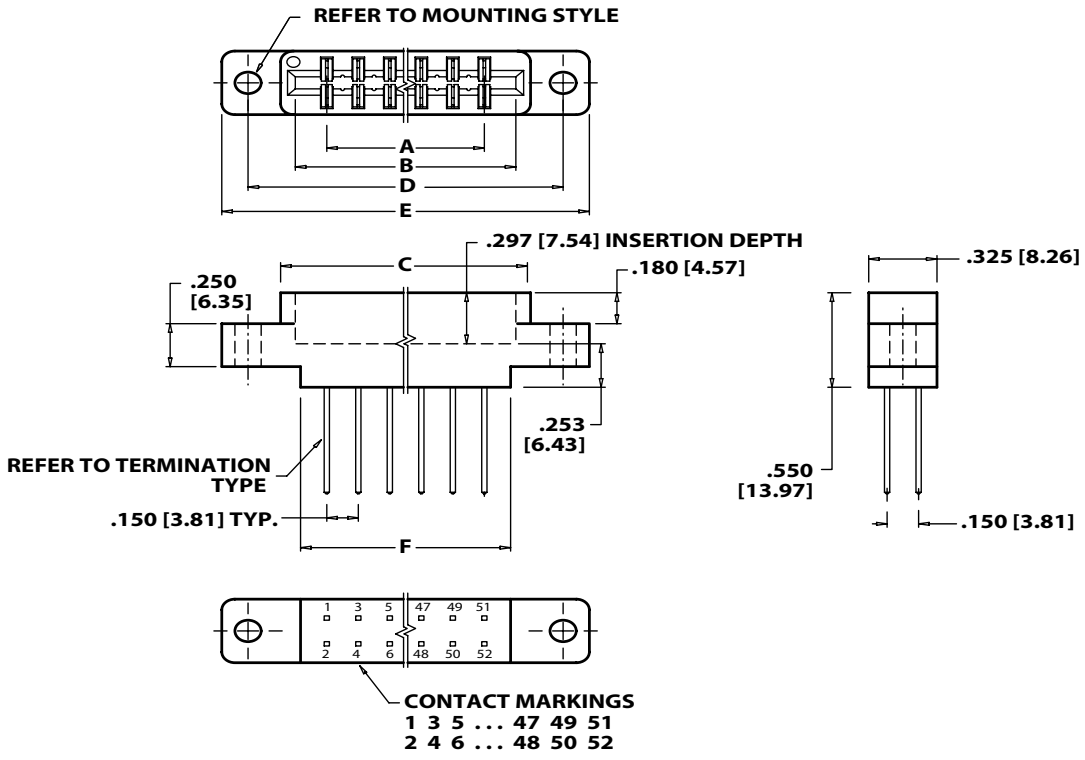
MOUNTING STYLE (Opposite Page)
H = Clearance Holes
I = Threaded Inserts
N = No Mounting

TERMINATION TYPE (Opposite Page)
MC = .025" [.64mm] Square Wire Wrap
SC = .025" [.64mm] Square Dip Solder

READOUT (Opposite Page)
D = Dual
H = Half Loaded

DIMENSIONS

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



Tolerances with PPS Insulator Material may vary slightly due to shrinkage differential; Consult Factory.

POSITIONS/ CONTACTS	INCHES						[MILLIMETERS]					
	A±.008	B±.008	C±.015	D±.010	E±.020	F±.015	A±0.20	B±0.20	C±0.38	D±0.25	E±0.51	F±0.38
12/24	1.650	1.950	2.090	2.400	2.650	2.000	41.91	49.53	53.09	60.96	67.31	50.80
18/36*	2.550	2.850	2.990	3.300	3.550	2.800	64.77	72.39	75.95	83.82	90.17	71.12
22/44*	3.150	3.450	3.590	3.900	4.150	3.400	80.01	87.63	91.19	99.06	105.41	86.36
26/52	3.750	4.050	4.190	4.500	4.750	4.000	95.25	102.87	106.43	114.30	120.65	101.60
28/56*	4.050	4.350	4.490	4.800	5.050	4.300	102.87	110.49	114.05	121.92	128.27	109.22

* Consult Factory For Availability.

GENERAL SPECIFICATIONS

RoHS COMPLIANT

RoHS COMPLIANT

All parts are currently manufactured with recommended materials to meet RoHS standards. All contacts have 50u" of nickel underplating, and a large selection of plating options: Pure tin matte, overall gold, or selective gold plating. For complete part number information or operating/processing temperature parameters, visit the RoHS section of our website, or refer to page 5 of this catalog.

MATERIALS

Insulator

- PBT, Valox*, Thermoplastic Polyester
- PPS, Ryton*, Polyphenylene Sulfide
- PEEK, Polyetheretherketone
- PA9T, High Temperature Polyamide
- Other materials available. Consult Factory

Contacts

Phosphor Bronze (Standard), Beryllium Copper, Beryllium Nickel, Spinodal**, Brass

Plating

Gold and/or Tin over .000050" Nickel Underplate, Lead Free

UL/CUL File Number: E64287

Cage Code: 54453

MECHANICAL

Board Insertion Force 16 oz Maximum per contact pair using .062"[1.58mm] thick steel test blade
Board Withdrawal Force 1 oz Minimum per contact pair using .062"[1.58mm] thick steel test blade
Special Insertion/Withdrawal forces available upon request

ELECTRICAL

Insulation Resistance: 5,000 Mega Ohm
Dielectric Withstanding Voltage

Contact Centers:	.039"[1mm]	.050"[1.27mm]	.100"[2.54mm]	.125"[3.18mm]	.150"[3.81mm]	.156"[3.96mm]
Voltage:	125 VDC	250 VDC	600 VDC	800 VDC	1500 VDC	1800 VDC
	225 VAC	300 VAC	750 VAC	750 VAC	900 VAC	950 VAC

Current Rating: 1 to 5 amp per contact
Voltage Drop: 30 milli volt at rated current
Contact Resistance: 30 milli ohm maximum at rated current

ENVIRONMENTAL

Solvent resistance: Perchloroethylene, Freon 113, Freon 11, Trichloroethylene

Operating Temperature:

PBT	-65^0 to $+130^0$C	Phosphor Bronze	-65^0 to $+125^0$C
PPS	-65^0 to $+200/220^0$C***	Beryllium Copper	-65^0 to $+150^0$C
PEEK	-65^0 to $+250^0$C***	Spinodal**	-65^0 to $+200^0$C
PA9T	-65^0 to $+150^0$C	Beryllium Nickel***	-65^0 to $+300^0$C

(Continuous temperatures, higher for short duration. Contact Factory for details.)

* Or equivalent.
** Consult factory for special soldering guidelines.
*** Consult factory.

PART NUMBER OPTIONS

E B M 43 D RT H - Sxxx

MATERIALS (Insulator/Contact)

E = PBT & Phosphor Bronze
OPERATING TEMPERATURE: -65°C to +125°C
PROCESSING TEMP: 260°C FOR 10 sec. MAX.
(230°C, 30 sec.)

R = PPS & Phosphor Bronze
OPERATING TEMPERATURE: -65°C to +125°C
PROCESSING TEMPERATURE: 260°C FOR 120 sec. MAX.

G = PA9T & PHOSPHOR BRONZE
OPERATING TEMPERATURE: -65°C to +125°C
PROCESSING TEMPERATURE: 260° FOR 120 sec. MAX.

H = PBT & Beryllium Copper
OPERATING TEMPERATURE: -65°C to +125°C
PROCESSING TEMP: 260°C FOR 10 sec. MAX.
(230°C, 30 sec.)

A = PPS & Beryllium Copper
OPERATING TEMPERATURE: -65°C to +150°C
PROCESSING TEMPERATURE: 260°C FOR 120 sec. MAX.

J = PA9T & Beryllium Copper
OPERATING TEMPERATURE: -65°C to +150°C
PROCESSING TEMPERATURE: 260°C FOR 120 sec. MAX.

M = White PA9T/Beryllium Copper
OPERATING TEMPERATURE: -65°C to +150°C

F = PPS & Spinodal (Consult Factory)
OPERATING TEMPERATURE: -65°C to +200°C

C = PPS & Beryllium Nickel (Consult Factory)
OPERATING TEMPERATURE: -65°C to +200°C
PROCESSING TEMPERATURE: 260°C FOR 120 sec. MAX.

W = PEEK & Beryllium Nickel (Consult Factory)
OPERATING TEMPERATURE: -65°C to +250°C

N = Nylon 6T & Phosphor Bronze
OPERATING TEMPERATURE: -10°C to +85°C
PROCESSING TEMPERATURE: 260°C for 10 sec. MAX.

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

E = 1.00mm [.039"]
B = .050" [1.27 mm]
K = .078" [1.98 mm]
C = .100" [2.54 mm]
A = .125" [3.18 mm]
J = .150" [3.84 mm]
M = .156" [3.96 mm]

NUMBER OF CONTACT POSITIONS

See applicable specification page

READOUT

D = Dual
D = Dual Row/ Crimp to Center for Single Readout
H = Half Loaded
M = Male Edgecard

MODIFICATION CODE (Consult Factory)

OMIT FOR STANDARD

MOUNTING STYLE

H = Clearance Holes, .125" [3.18mm] Dia
N = No Mounting
S = Side Mounting, .125" [3.18mm] Dia
I = #4-40 Threaded Insert
F = Floating Bobbin
W = .430" Ears, Flush Mounting, .125" [3.18mm] Dia
D = .250" Ears, Flush Mounting, .125" [3.18mm] Dia
P = Clearance Holes, .142" [3.61mm] Dia.
B = Open Card Slot
X = .430" Ears, Flush Mounting, #4-40 Threaded Insert
T = .250" Ears, Flush Mounting, #4-40 Threaded Insert
Q = Straddle Mount
Z = .250" Ears, Flush, Side Mounting

TERMINATION TYPE

Card Extender

HR = .050" & 1mm Contact Centers
KR,KN = .025"[.64mm] Square Post, Cantilever

Dip Solder - High Profile

RS = .025 [.64mm] Square Tail, Loop Bellows
CS, SC = .025" [.64mm] Square Tail, Hairpin Bellows
TK = .026" [.66mm] Round Tail, Loop Bellows
CT, CW = .015" x .025" Tail, Hairpin Bellows
CK = .026" [.66mm] Round Tail, Loop Bellows
HH = 1mm [.039"] Contact Centers
HH, HL, HN = .050" Contact Centers
KS, KD = .025"[.64mm] Square Post, Cantilever

Dip Solder - Low Profile

SX, SU = Crimp to Center for Single Readout
RT, RK, RY = .140" [3.56mm] Row Spacing
RX, RF, RU, RP = .200" [5.08mm] Row Spacing
RJ = .250"[6.35mm] Row Spacing

Eyelet

RE, TE, SE = Eyelet Tail

Press Fit

.200"[5.08mm] Row Spacing	*.100"[2.54mm] Row Spacing*
JB = .025"[.64mm] Sq. Post	JF = .025"[.64mm] Sq. Post
JC = .025"[.64mm] Sq. Post	JG = .025"[.64mm] Sq. Post
JW = .025"[.64mm] Sq. Post	JY = .025"[.64mm] Sq. Post
JX = .025"[.64mm] Sq. Post	JZ = .025"[.64mm] Sq. Post

Right Angle

RA, SA = Right Angle, Full Bellows
TA, TB, TM = Right Angle, Loop Bellows
CA, CB, CC = Right Angle, Hairpin Bellows
HA = Right Angle, .050" & 1mm Contact Centers
HB = Right Angle, .050" Contact Centers
KA, KE, KU, KJ = .025"[.64mm] Square Post, Cantilever

Surface Mount

HF = Surface Mount, .050" & 1mm Contact Centers

Wire Wrap

RM = .025"[.64mm] Square Post, Loop Bellows
CM, MC = .025" [.64mm] Square Post, Hairpin Bellows
KK = .031" [.79mm] x .062" [1.58mm] Post
KL = .031" [.79mm] x .062" [1.58mm] Post Twisted 90°
KM = .025"[.64mm] Square Post, Cantilever
WW = .045" [1.14mm] Square Post

Bi-Level Terminations

LR = Card Extender
LT = Dip Solder
KB = Right Angle

Male Edgecards

MW, MS = Dip Solder
MA, MV, MB = Right Angle
MD, MJ, MK = Right Angle
MR, MN = Card Extender
MM = Wire Wrap

Registered Trademarks

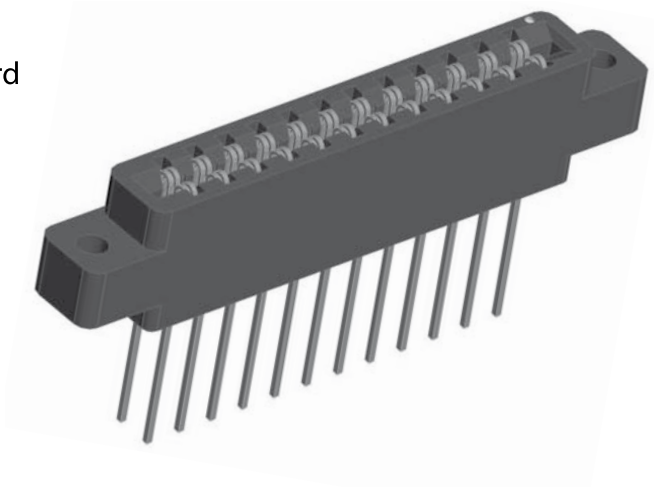
Sabic Innovative Plastics: Valox
Phillips 66: Ryton
Gardner-Denver Co.: Wire Wrap
RTP Compounder: PEEK
Sullins Electronics: Zero Lead Time
Sullins Electronics: Sullins
Underwriters Labs: UL
Ametek: Spinodal

Specifications are subject to change without notice.

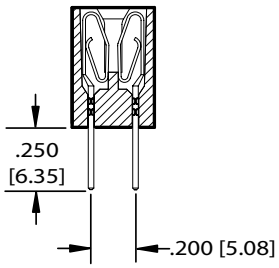
.150" Contact Centers, .550" Insulator Height, .025" Square & .026" Round Dip Solder

SPECIFICATIONS

- Accommodates .062" ± .008" [1.57 ± 0.20] PC Board
- Insulator Material available in PBT, PPS or PA9T
- 3 Amp Current Rating per contact
- Insulator / Contact Specifications and Part Number Coding See Page 82-83
- P/N 04-0004-000 for In Between Contact Position Key See Page 126 (Sold Separately)
- Molded-in Key Available - Consult Factory

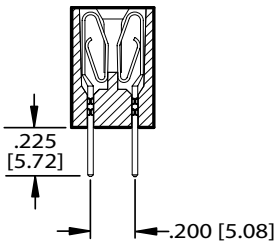


TERMINATION TYPE



.250 [6.35] TAIL LENGTH

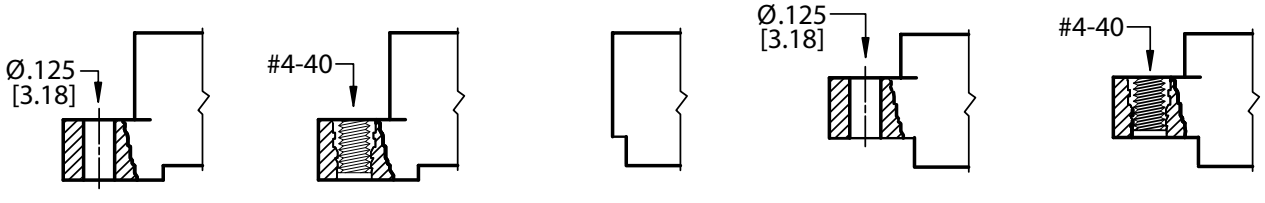
Termination Code	Modification Code	Termination Type	Fits Min. Hole Size	Example Part Number
W	H	.025[.64] Square	.040[1.02]	***MPSL-0150-18-DW-1HK***
R	H	.026[.66] Round	.030[0.76]	***MPSL-0150-18-DR-1HK***



.225 [5.72] TAIL LENGTH

Termination Code	Modification Code	Termination Type	Fits Min. Hole Size	Example Part Number
R	H(.225)	.026[.66] Round	.030[0.76]	***MPSL-0150-18-DR-1HK(.225)***

MOUNTING STYLE



(STYLE 1) **(STYLE 2)** **(STYLE 4)** **(STYLE 5)** **(STYLE 6)**

.150" Contact Centers, .550" Insulator Height, .025" Square & .026" Round Dip Solder

PART NUMBER CODING

MPSL - 0 150 - 18 - D W - 1 H K

PLATING - RoHS Compliant
All Platings are Lead Free and have .000050" Nickle Underplate

	Contact Surface	*Termination*
*MPSL =	.000010" Gold	.000100" Pure Tin Matte
*MPL =	.000100" Overall Pure Tin, Matte	
MP =	.000010" Overall Gold	

*** Requires 'K' Modification Code**

INSULATOR MATERIAL**
0 = PBT

CONTACT CENTERS
150 = .150" [3.81mm]

NUMBER OF POSITIONS
Contacts Per Row (See Position Chart Below)

READOUT
D = Dual

PLATING MODIFICATION CODE**
K = Required on MPSL or MPL Plating
Omit for MP Plating (Overall Gold)

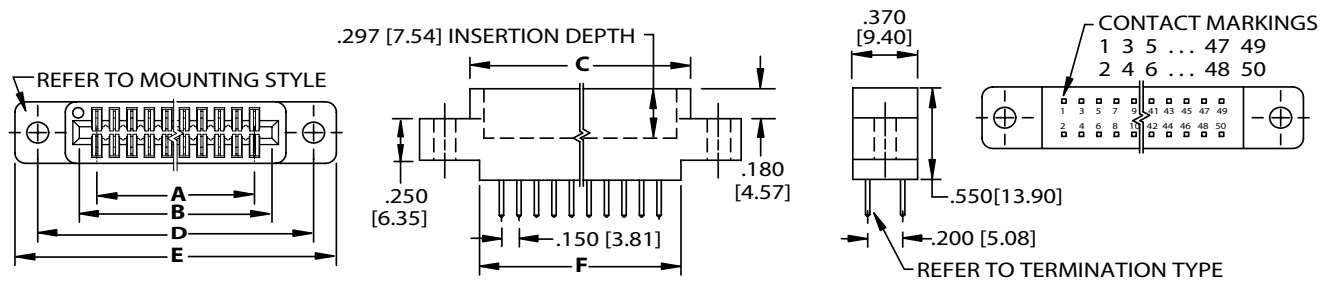
MODIFICATION CODE**
(See Opposite Page)
H = Dip Solder .250[6.35] Tail Length (.026 Round or .025 Square)
H(.225) = Dip Solder .225[5.72] Tail Length (.026 Round Only)

MOUNTING STYLE (See Opposite Page)
1 = .125" Clearance Hole
2 = #4-40 Threaded Insert
4 = No Mounting
5 = Raised, .125" Clearance Hole
6 = Raised, #4-40 Threaded Insert

TERMINATION TYPE (See Opposite Page)
LOOP BELLOWS
(MPSL Plating Code Only)
W = .025[.64mm] Square
R = .026[.66mm] Round

**** SEE PAGES 82-83 FOR SPECIFICATIONS AND OTHER VARIATIONS**

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

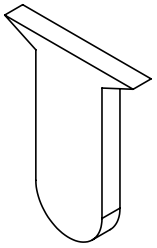


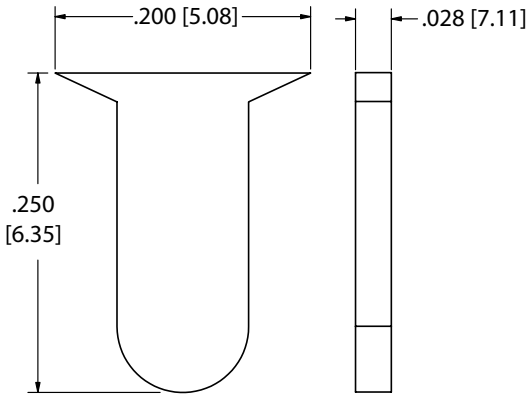
POSITIONS/ CONTACTS	INCHES						[MILLIMETERS]					
	A±.010	B±.010	C±.015	D±.015	E±.020	F±.015	A±0.25	B±0.25	C±0.38	D±0.38	E±0.51	F±0.20
18/36	2.550	2.850	2.990	3.300	3.550	2.800	64.77	72.39	75.95	83.82	90.17	71.12
25/50	3.600	3.900	4.040	--------	--------	3.850	91.44	99.06	102.62	--------	--------	97.79
26/52	3.750	4.050	4.190	4.500	4.750	4.000	95.25	102.87	106.43	114.30	120.65	101.60
28/56	4.050	4.350	4.490	4.800	5.050	4.300	102.87	110.49	114.05	121.92	128.27	109.22
32/64	4.650	4.950	5.090	--------	--------	4.900	118.11	125.73	129.29	--------	--------	124.46
50/100	7.350	7.650	7.800	--------	--------	7.600	186.69	194.31	198.12	--------	--------	193.04

Polarizing Keys
In Between Contact & In Contact

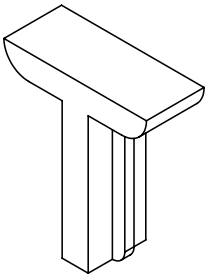
ALL KEYS ORDERED SEPARATELY

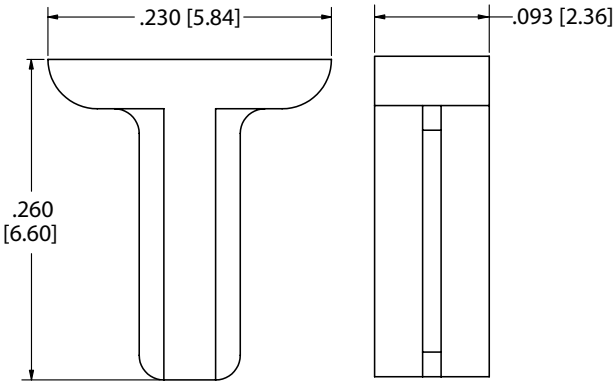
IN BETWEEN CONTACT KEY
P/N: 04-0001-000
SULLINS PART: PLM-K1



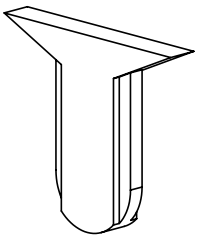


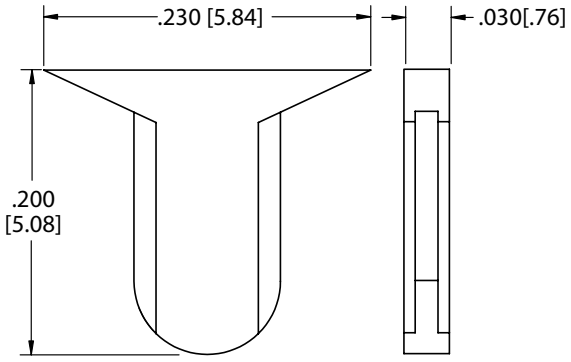
IN CONTACT KEY
P/N: 04-0002-000
SULLINS PART: PLM-K2



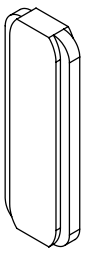


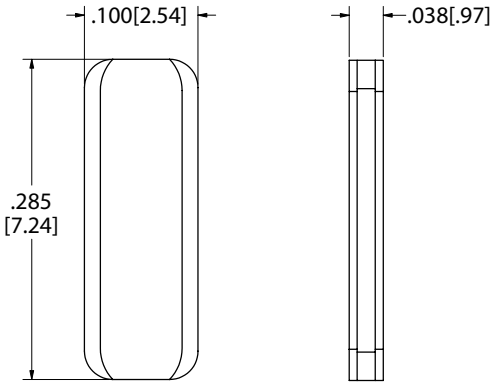
IN BETWEEN CONTACT KEY
P/N: 04-0003-000
SULLINS PART: PLA-K1





IN BETWEEN CONTACT KEY
P/N: 04-0004-000
SULLINS PART: PLC-K1





GENERAL SPECIFICATIONS

RoHS COMPLIANT

All parts are currently manufactured with recommended materials to meet RoHS standards. All contacts have 50u" of nickel underplating, and a large selection of plating options: Pure tin matte, overall gold, or selective gold plating. For complete part number information or operating/processing temperature parameters, visit the RoHS section of our website, or refer to page 81 of this catalog.

MATERIALS

To determine Assembly Operating Temperature, take the lower of two temperatures

Insulator:			**Operating Temperature**	**Processing Temperature**
Standard	PBT, Valox*	Glass filled Thermoplastic Polyester	-65°C to +130°C	260°C / 10 Seconds
Special	PPS, Ryton*	Glass/Mineral filled Polyphenylene Sulfide, Green	-65°C to +220°C	260°C / 120 Seconds
Special	PPS, Ryton*	Glass filled Polyphenylene Sulfide, Brown	-65°C to +200°C	260°C / 120 Seconds
Special	PA9T	High Temperature Polyamide	-65°C to +150°C	260°C / 120 Seconds
Special	Peek	Glass filled Polyetheretherketone	-65°C to +250°C	

Contacts:		
Standard	Phosphor Bronze (Available in All Contact Styles)	-65°C to +125°C
Special	Beryllium Copper (Consult Factory)	-65°C to +150°C
Special	Spinodal** (Consult Factory)	-65°C to +200°C
Special	Beryllium Nickel (Consult Factory)	-65°C to +300°C

Plating:
Gold and/or Tin over .000050" Nickel Underplate, Lead Free

UL/CUL File Number: E64287 Section 2

Cage Code: 31223

* Or equivalent.
** Consult factory for special soldering guidelines.

MECHANICAL

Board Insertion Force 16 oz Maximum per contact pair using .062"[1.58mm] thick steel test blade
Board Withdrawal Force 1 oz Minimum per contact pair using .062"[1.58mm] thick steel test blade
Special Insertion/Withdrawal forces available upon request

ELECTRICAL PERFORMANCE (Per Mil-C-21097C)

Insulation Resistance: 5,000 Mega Ohm
Dielectric Withstanding Voltage

Contact Centers:	.100"[2.54mm]	.125"[3.18mm]	.150"[3.81mm]	.156"[3.96mm]
Voltage:	600 VDC	800 VDC	1500 VDC	1800 VDC
	750 VAC	750 VAC	900 VAC	950 VAC

Current Rating: 3 to 5 ampers (amps) per contact
Voltage Drop: 30 Milli volt at rated current
Contact Resistance: 30 Milli ohm maximum at rated current

Registered Trademarks

Sabic Innovative Plastics:	Valox	Phillips 66:	Ryton	RTP Compounder:	PEEK	Sullins Electronics:	Sullins
Gardner-Denver Co.:	Wire Wrap	Ametek:	Spinodal	Underwriters Labs:	UL	Sullins Electronics:	Zero Lead Time

PART NUMBER OPTIONS

_MP_ _ - 0 100 - 22 - D W - 5 xxx

PLATING - RoHS Compliant

ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE

		Contact Surface	*Termination*
*MPSL	=	.000010" Gold	.000100" Pure Tin Matte
*EMPSL	=	.000010" Gold	.000100" Pure Tin Matte
*MPL	=	.000100" Overall Pure Tin, Matte	
*EMPL	=	.000100" Overall Pure Tin, Matte	
MP	=	.000010" Overall Gold	
EMP	=	.000010" Overall Gold	
MPP	=	Spinodal Contact Material (Overall Gold Only)	
EMPP	=	Spinodal Contact Material (Overall Gold Only)	

*** Requires 'K' Modification Code**

Platings that start with 'E' are for Economy Eyelet Only
Other Plating and thicknesses available upon request.

INSULATOR MATERIAL

All Materials are U.L. Approved 94-Vo

0 = PBT, Blue
1 = PPS, Brown
2 = PBT, Green
3 = PBT, Black
4 = PA9T, Black
5 = PPS, Black
6 = PPS, Green
7 = PPS, Brown
8 = Peek, Natural

CONTACT CENTERS

100 = .100" [2.54mm]
125 = .125" [3.18mm]
150 = .150" [3.84mm]
156 = .156" [3.96mm]

NUMBER OF POSITIONS

02 - 70 Contacts Per Row

READOUT

D = Dual Row

TERMINATION TYPE

FS = .045" Square Tails - .720" Insulator Height
P = Solder Eyelet - .431" Insulator Height
PE = Economy Eyelet - .431" Insulator Height, Card Extender, .156" only
R = .026" Round Tails - .610" Insulator Height,
S = Dip Solder - .431" Insulator Height
SE = Card Extender - .431" Insulator Height
W = .025" Square Wire Wrap - .610" Insulator Height
WE = .025" Square Card Extender - .610" Insulator Height

MOUNTING STYLE

1 = **.125" Clearance Holes** .245" Ears, .431" Insulator Height .250" Flush Ears, .610" Insulator Height
2 = **#4-40 Threaded Insert** .245" Ears, .431" Insulator Height .250" Flush Ears, .610" Insulator Height
3 = **Floating Bobbin** .220" Ears not Including Bobbin on All Connectors (Flush Ears on .610 Insulator Height)
4 = **No Mounting Ears** All Connectors
5 = **Raised with .125" Clearance Holes** Wire Wrap Only, .610" Insulator Height
6 = **Raised with #4-40 Threaded Insert** Wire Wrap Only, .610" Insulator Height
8 = **.125" Side Holes (**Cross Drilled)
9 = **One Ear, .125" Clearance Hole** Dip Solder & Eyelet
10 = **One Ear, #4-40 Threaded Insert** Dip Solder & Eyelet
11 = **.142" Mounting Holes** .431" Insulator Height, Dip Solder, Eyelet .610" Insulator Height, Wire Wrap
12 = **.128" Clearance Holes** .431" Insulator Height, Dip Solder & Eyelet .610" Insulator Height, Wire Wrap
13 = **Flush Ears, .128" Clearance Holes** .430" Ears with Pad on .610" Insulator Height, Wire Wrap Only
14 = **.142" Side Holes** (Cross Drilled) .431" Insulator Height, Dip Solder, Eyelet .610" Insulator Height, Wire Wrap
15 = **Flush Ears, .125" Clearance Holes** .190" Ears, No Pad .610" Insulator Height, Wire Wrap Only
16 = **Flush .250" Ears to top of the Card Entry Side of the Connector,** .610" Insulator Height, Wire Wrap Only
18 = **Flush Ears, .125" Side Holes** (Cross Drilled)
19 = **.152" Clearance Holes** .610" Insulator Height, Wire Wrap Only
58 = **Raised Ears, .125" Side Holes** (Cross Drilled)
81 = **Flush Ears, .125" Side Holes** .250" Ears with Pad, .610" Insulator Height, Wire Wrap
86 = **Side Holes with #4-40 Threaded Insert** .250" Ears with Pad, .610" Insulator Height

MODIFICATION CODE

CONSULT FACTORY FOR OTHER OPTIONS

A = **Contacts Loaded one side only**
B = **Center Barrier for 28/56** - .156" Dip Solder & Eyelet
C = **.030" Longer Cardslot and Mounting Hole Centers for 22/44,** All .156" (Consult Factory)
D = **.000050" Gold Plating** - (Consult Factory)
E9 = **.200" Row Spacing on .156" Contact Centers**
F = **6.802" Cardslot for 43/86** .156" Eyelet & Wire Wrap Only
F9 = **6.802" Cardslot and .200" Row Spacing for 43/86** Dip Solder Only
G = **.000030" Gold Plating**
H = **.190" Contact Length** for .025" Square & .026" Round Contacts **.250" Contact Length** without Standoffs
J = **Low Insertion Force**
K = **MPSL** - Selective Gold with Pure Tin, Matte Plating on Tails **MPL** - Overall Pure Tin, Matte
L = **.140" Contact Length** for .156" Dip Solder Only
M = **Pad on Bottom of Mounting Ears** for .156", .431" Insulator Height, Dip Solder & Eyelet Only
N = **Hi-light Contact ID on Bottom** (Consult Factory)
P = **Engraving Reversed** (Consult Factory)
Q = **Right Angle Connector Contacts Untrimmed** (Requires 'R' Modification Code)
R = **Right Angle Connectors**
S = **Shorter Overall Length**
T = **Center Standoffs Removed** .100" & .125" Wire Wrap Only
TT = **No Standoffs**
U = **.000020" Gold Plating**
X9 = **.200" Row Spacing** for .100" & .156" Dip Solder Only **.250" Row Spacing** for .125" Dip Solder Only
Y = **Beryllium Copper Contacts**
Z = **Standoffs on .156" Wire Wrap**

See applicable specification pages for more information.

Specifications are subject to change without notice.