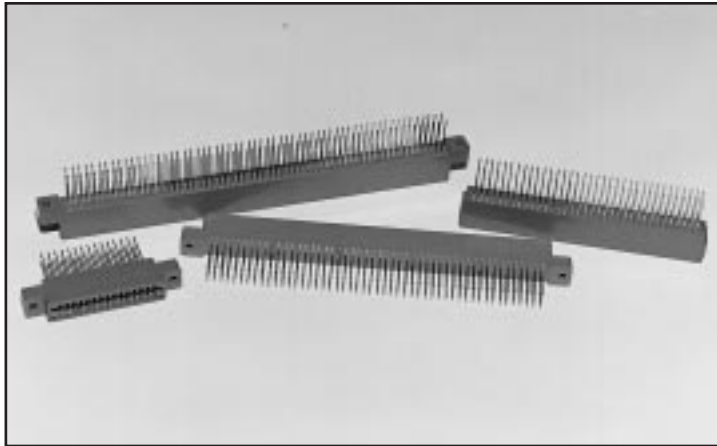


.100

Contact Centers Edgecard Connectors .025 Long Wire Wrap Contacts

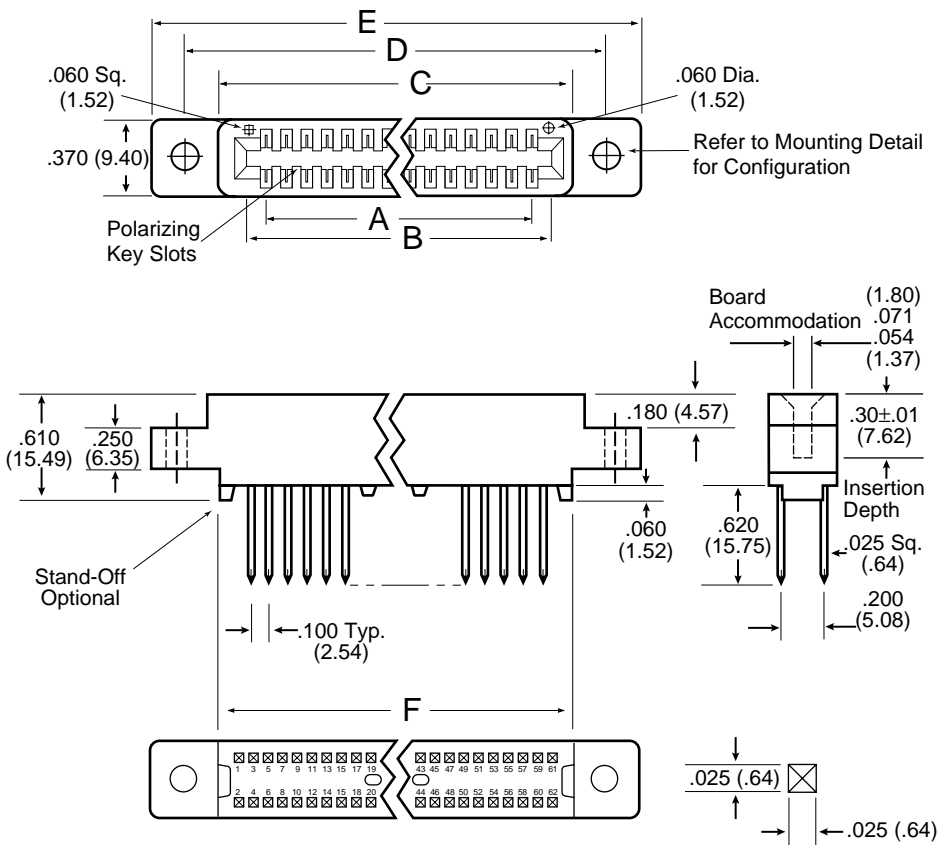
U.L. APPROVED E78000 (S)

Part Number Description



		MPS or MP - 0100 - 10 - D W - 5 K
Selective Gold Plating	—	—
STD All Gold Plating	—	—
Contact Spacing	—	—
Number of Contacts per row	—	—
Dual Readout	D	—
.025 Sq. (.64mm) Wire Wrap	—	—
.125 Flush Mounting Holes	1	—
4-40 Flush Threaded Inserts	2	
No. Mounting Ears	4	
.125 Dia. Mounting Hole	5	
4-40 Thread Insert Mount	6	—
Tin Plated Tails for MPS Style	—	all Tin Plated for MP Style

Dimensions



General Information

CONTACT FORCES PER MIL-C-21097C

MATERIALS/FINISHES:

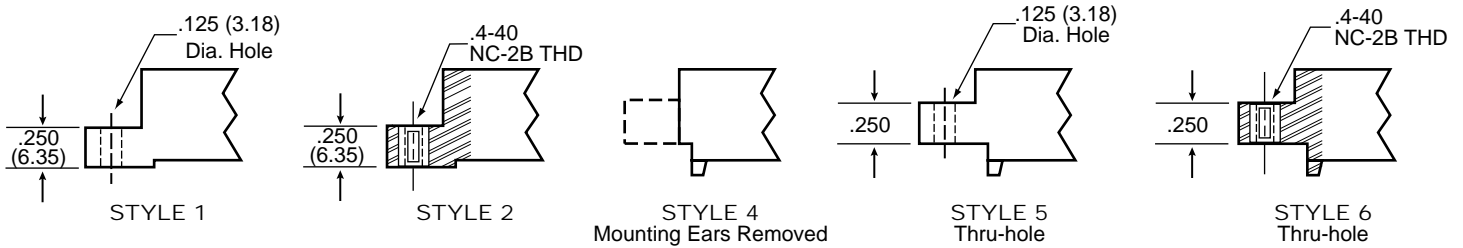
- **Insulator:** Glass filled polyester (G.E. Valox 420-SEO or Equiv.)
Color: Blue U.L. Approved*
Ryton R-4 available upon request for Hi-Temp Applications.
- **Keys:** Nylon, **Color:** White
- **Contacts:** Phosphor Bronze
- **Contact Finishes:** 'MP' style is .000010 gold per MIL-G-45204 over nickel covering entire contact surface. 'MPS' style is CA 725 copper alloy. .000010 to .000015 gold (Western Electric Type 1) over .000030 nickel on bellows face only, tails are tin/lead plated.
- **Hardware:** Nickel plated brass.

NOTE: Various insulator materials, colors, plating material thickness and sizes available upon request.

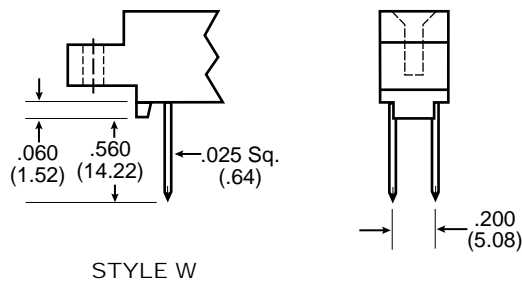
High Profile

.100 x .200 ROW

Mounting Styles-Detail G * NOTE: Additional mounting styles and hole sizes available upon request.



Termination Styles-Detail H



Polarizing Key (Between Contact Positions)

Polarizing Key
ordered separately
P/N 04-0004-000



Part Numbers/Dimensions

PART NUMBER	NO. OF CONT.	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
MP-0100-06-DW-*	6/12	.500	.700	.860	1.175	1.435	.750	12.70	17.78	21.84	29.85	36.45	19.05
MP-0100-08-DW-*	8/16	.700	.900	1.060	1.375	1.635	.950	17.78	22.86	26.92	34.93	41.53	24.13
MP-0100-10-DW-*	10/20	.900	1.100	1.260	1.575	1.835	1.150	22.86	27.94	32.00	40.01	46.61	29.21
MP-0100-12-DW-*	12/24	1.100	1.300	1.460	1.775	2.035	1.350	27.94	33.02	37.08	45.09	51.69	34.29
MP-0100-15-DW-*	15/30	1.400	1.600	1.760	2.075	2.335	1.650	35.56	40.64	44.70	52.71	59.31	41.91
MP-0100-17-DW-*	17/34	1.600	1.800	1.960	2.275	2.535	1.850	40.64	45.72	49.78	57.79	64.39	46.99
MP-0100-18-DW-*	18/36	1.700	1.900	2.060	2.375	2.635	1.950	43.18	48.26	52.32	60.33	66.93	49.53
MP-0100-20-DW-*	20/40	1.900	2.100	2.260	2.575	2.835	2.150	48.26	53.34	57.40	65.41	72.01	54.61
MP-0100-22-DW-*	22/44	2.100	2.300	2.460	2.775	3.035	2.350	53.34	58.42	62.48	70.49	77.09	56.69
MP-0100-25-DW-*	25/50	2.400	2.600	2.760	3.075	3.335	2.650	60.96	66.04	70.10	78.11	84.71	67.31
MP-0100-28-DW-*	28/56	2.700	2.900	3.060	3.375	3.635	2.950	68.58	73.66	77.72	85.73	92.33	74.93
MP-0100-30-DW-*	30/60	2.900	3.100	3.260	3.575	3.835	3.150	73.66	78.74	82.80	90.81	97.41	80.01
MP-0100-31-DW-*	31/62	3.000	3.200	3.360	3.675	3.935	3.250	76.20	81.28	85.34	93.35	99.95	82.55
MP-0100-35-DW-*	35/70	3.400	3.600	3.760	4.075	4.335	3.650	86.36	91.44	95.50	103.51	110.11	92.71
MP-0100-36-DW-*	36/72	3.500	3.700	3.860	4.175	4.435	3.750	88.90	93.98	98.04	106.05	112.65	95.25
MP-0100-40-DW-*	40/80	3.900	4.100	4.260	4.575	4.835	4.150	99.06	104.14	108.20	116.21	122.81	105.41
MP-0100-43-DW-*	43/86	4.200	4.400	4.560	4.875	5.135	4.450	106.68	111.76	115.82	123.83	130.43	113.03
MP-0100-44-DW-*	44/88	4.300	4.500	4.660	4.975	5.235	4.550	109.22	114.30	118.36	126.37	132.97	115.57
MP-0100-49-DW-*	49/98	4.800	5.000	5.160	5.475	5.735	5.050	121.92	127.00	131.06	139.07	145.67	128.27
MP-0100-50-DW-*	50/100	4.900	5.100	5.260	5.575	5.835	5.150	124.46	129.54	133.60	141.61	148.21	130.81
MP-0100-55-DW-*	55/110	5.400	5.600	5.760	6.075	6.335	5.650	137.16	142.24	146.30	154.31	160.91	143.51
MP-0100-60-DW-*	60/120	5.900	6.100	6.260	6.575	6.835	6.150	149.86	154.94	159.00	167.01	173.61	156.21
MP-0100-61-DW-*	61/122	6.000	6.200	6.360	6.675	6.935	6.250	152.40	157.48	161.54	169.55	176.15	158.75
MP-0100-65-DW-*	65/130	6.400	6.600	6.760	7.073	7.335	6.650	162.56	167.64	171.70	179.71	186.31	168.91
MP-0100-70-DW-*	70/140	6.900	7.100	7.260	7.575	7.835	7.150	175.26	180.34	184.40	192.41	199.01	181.61

*NOTE: Add mounting and termination style digits to part number.