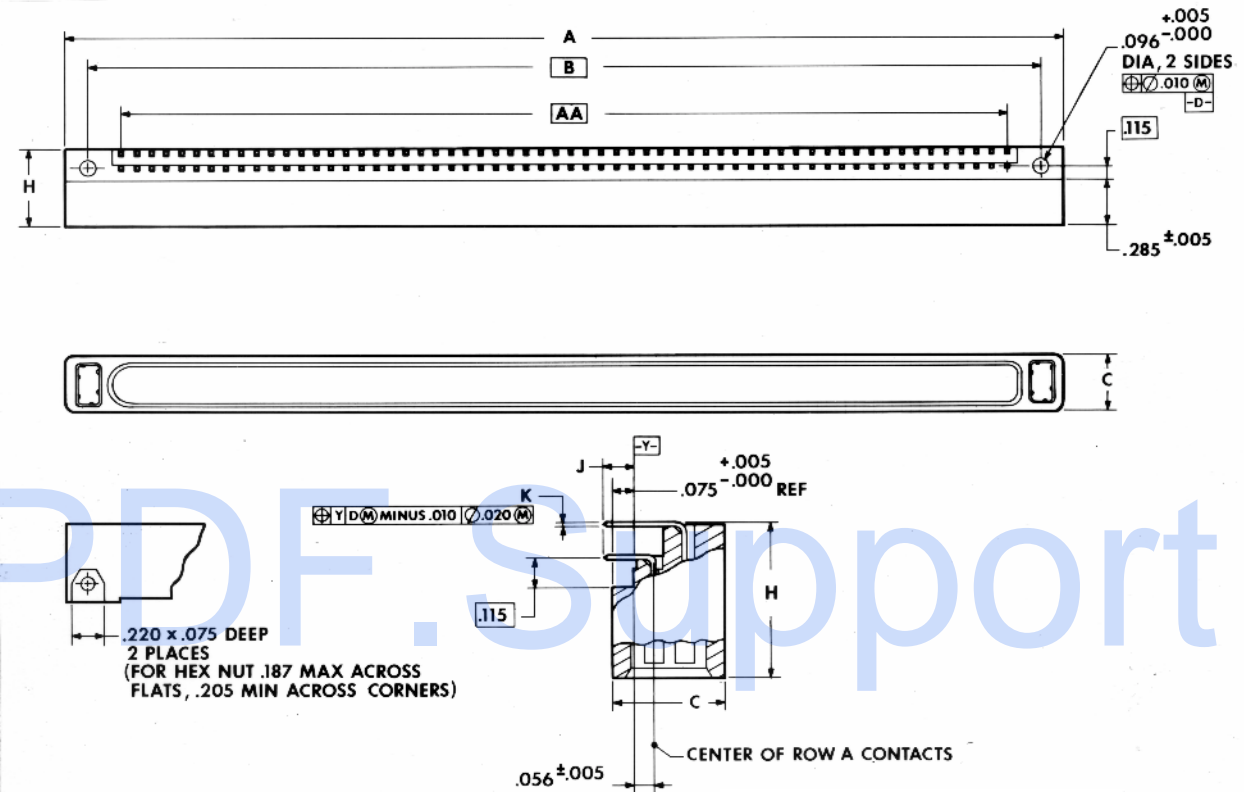


# Low Mating Force daughter board connector



## MATES WITH MB AND PC SERIES CONNECTORS

### Notes:

When mating with MB or PC connector, a total of .035 inch minimum radial pilot is available for connector body alignment.

All dimensions for reference only.

Polarization keys are not supplied as part of DB Connector Series assemblies. See How to Order, page 7 and further description, page 28.

□ Designates Basic Dimension

Description	Contact Data				
	Termination Style Letter	Arrangement Row	Contact Part Number	J ±.020	K ±.002
Round PCB Stud, 90° Solder Termination	P	A	10-502400-111	.085	.021 Dia.
	P	B	10-502400-211	.085	.021 Dia.
	P	C	10-502400-311	.085	.021 Dia.
	P	D	10-502400-411	.085	.021 Dia.
	P-(705)	A	10-502400-121	.120	.021 Dia.
	P-(705)	B	10-502400-221	.120	.021 Dia.
	P-(705)	C	10-502400-321	.120	.021 Dia.
	P-(705)	D	10-502400-421	.120	.021 Dia.
	P-(709)	A	10-502400-131	.300	.021 Dia.
	P-(709)	B	10-502400-231	.300	.021 Dia.
P-(709)	C	10-502400-331	.300	.021 Dia.	
P-(709)	D	10-502400-431	.300	.021 Dia.	

NOTE: Other variations available - see pages 7 and 8, or consult Sidney, NY.

# Low Mating Force daughter board connector 2 row contact arrangements

Number of Contacts	DB Number*	A Max.	B	C Max.	H Max.	AA
020	DB2-020P	1.680	1.350	.375	.545	.900
022	DB2-022P	1.780	1.450	.375	.545	1.000
024	DB2-024P	1.880	1.550	.375	.545	1.100
026	DB2-026P	1.980	1.650	.375	.545	1.200
028	DB2-028P	2.080	1.750	.375	.545	1.300
030	DB2-030P	2.180	1.850	.375	.545	1.400
032	DB2-032P	2.280	1.950	.375	.545	1.500
034	DB2-034P	2.380	2.050	.375	.545	1.600
036	DB2-036P	2.480	2.150	.375	.545	1.700
038	DB2-038P	2.580	2.250	.375	.545	1.800
040	DB2-040P	2.680	2.350	.375	.545	1.900
042	DB2-042P	2.780	2.450	.375	.545	2.000
044	DB2-044P	2.880	2.550	.375	.545	2.100
046	DB2-046P	2.980	2.650	.375	.545	2.200
048	DB2-048P	3.080	2.750	.375	.545	2.300
050	DB2-050P	3.180	2.850	.375	.545	2.400
052	DB2-052P	3.280	2.950	.375	.545	2.500
054	DB2-054P	3.380	3.050	.375	.545	2.600
056	DB2-056P	3.480	3.150	.375	.545	2.700
058	DB2-058P	3.580	3.250	.375	.545	2.800
060	DB2-060P	3.680	3.350	.375	.545	2.900
062	DB2-062P	3.780	3.450	.375	.545	3.000
064	DB2-064P	3.880	3.550	.375	.545	3.100
066	DB2-066P	3.980	3.650	.375	.545	3.200
068	DB2-068P	4.080	3.750	.375	.545	3.300
070	DB2-070P	4.180	3.850	.375	.545	3.400
072	DB2-072P	4.280	3.950	.375	.545	3.500
074	DB2-074P	4.380	4.050	.375	.545	3.600
076	DB2-076P	4.480	4.150	.375	.545	3.700
078	DB2-078P	4.580	4.250	.375	.545	3.800
080	DB2-080P	4.680	4.350	.375	.545	3.900
082	DB2-082P	4.780	4.450	.375	.545	4.000
084	DB2-084P	4.880	4.550	.375	.545	4.100
086	DB2-086P	4.980	4.650	.375	.545	4.200
088	DB2-088P	5.080	4.750	.375	.545	4.300
090	DB2-090P	5.180	4.850	.375	.545	4.400
092	DB2-092P	5.280	4.950	.375	.545	4.500
094	DB2-094P	5.380	5.050	.375	.545	4.600
096	DB2-096P	5.480	5.150	.375	.545	4.700
098	DB2-098P	5.580	5.250	.375	.545	4.800
100	DB2-100P	5.680	5.350	.375	.545	4.900
102	DB2-102P	5.780	5.450	.375	.545	5.000
104	DB2-104P	5.880	5.550	.375	.545	5.100
106	DB2-106P	5.980	5.650	.375	.545	5.200
108	DB2-108P	6.080	5.750	.375	.545	5.300
110	DB2-110P	6.180	5.850	.375	.545	5.400

Number of Contacts	DB Number*	A Max.	B	C Max.	H Max.	AA
112	DB2-112P	6.280	5.950	.375	.545	5.500
114	DB2-114P	6.380	6.050	.375	.545	5.600
116	DB2-116P	6.480	6.150	.375	.545	5.700
118	DB2-118P	6.580	6.250	.375	.545	5.800
120	DB2-120P	6.680	6.350	.375	.545	5.900
122	DB2-122P	6.780	6.450	.375	.545	6.000
124	DB2-124P	6.880	6.550	.375	.545	6.100
126	DB2-126P	6.980	6.650	.375	.545	6.200
128	DB2-128P	7.080	6.750	.375	.545	6.300
130	DB2-130P	7.180	6.850	.375	.545	6.400
132	DB2-132P	7.280	6.950	.375	.545	6.500
134	DB2-134P	7.380	7.050	.375	.545	6.600
136	DB2-136P	7.480	7.150	.375	.545	6.700
138	DB2-138P	7.580	7.250	.375	.545	6.800
140	DB2-140P	7.680	7.350	.375	.545	6.900
142	DB2-142P	7.780	7.450	.375	.545	7.000
144	DB2-144P	7.880	7.550	.375	.545	7.100
146	DB2-146P	7.980	7.650	.375	.545	7.200
148	DB2-148P	8.080	7.750	.375	.545	7.300
150	DB2-150P	8.180	7.850	.375	.545	7.400
152	DB2-152P	8.280	7.950	.375	.545	7.500
154	DB2-154P	8.380	8.050	.375	.545	7.600
156	DB2-156P	8.480	8.150	.375	.545	7.700
158	DB2-158P	8.580	8.250	.375	.545	7.800
160	DB2-160P	8.680	8.350	.375	.545	7.900
162	DB2-162P	8.780	8.450	.375	.545	8.000
164	DB2-164P	8.880	8.550	.375	.545	8.100
166	DB2-166P	8.980	8.650	.375	.545	8.200
168	DB2-168P	9.080	8.750	.375	.545	8.300
170	DB2-170P	9.180	8.850	.375	.545	8.400
172	DB2-172P	9.280	8.950	.375	.545	8.500
174	DB2-174P	9.380	9.050	.375	.545	8.600
176	DB2-176P	9.480	9.150	.375	.545	8.700
178	DB2-178P	9.580	9.250	.375	.545	8.800
180	DB2-180P	9.680	9.350	.375	.545	8.900
182	DB2-182P	9.780	9.450	.375	.545	9.000
184	DB2-184P	9.880	9.550	.375	.545	9.100
186	DB2-186P	9.980	9.650	.375	.545	9.200
188	DB2-188P	10.080	9.750	.375	.545	9.300
190	DB2-190P	10.180	9.850	.375	.545	9.400
192	DB2-192P	10.280	9.950	.375	.545	9.500
194	DB2-194P	10.380	10.050	.375	.545	9.600
196	DB2-196P	10.480	10.150	.375	.545	9.700
198	DB2-198P	10.580	10.250	.375	.545	9.800
200	DB2-200P	10.680	10.350	.375	.545	9.900

\*See How to Order, pages 5, 6 and 7

# Low Mating Force daughter board connector 3 row contact arrangements

Number of Contacts	DB Number*	A Max.	B	C Max.	H Max.	AA
030	DB3-030P	1.680	1.350	.475	.645	.900
033	DB3-033P	1.780	1.450	.475	.645	1.000
036	DB3-036P	1.880	1.550	.475	.645	1.100
039	DB3-039P	1.980	1.650	.475	.645	1.200
042	DB3-042P	2.080	1.750	.475	.645	1.300
045	DB3-045P	2.180	1.850	.475	.645	1.400
048	DB3-048P	2.280	1.950	.475	.645	1.500
051	DB3-051P	2.380	2.050	.475	.645	1.600
054	DB3-054P	2.480	2.150	.475	.645	1.700
057	DB3-057P	2.580	2.250	.475	.645	1.800
060	DB3-060P	2.680	2.350	.475	.645	1.900
063	DB3-063P	2.780	2.450	.475	.645	2.000
066	DB3-066P	2.880	2.550	.475	.645	2.100
069	DB3-069P	2.980	2.650	.475	.645	2.200
072	DB3-072P	3.080	2.750	.475	.645	2.300
075	DB3-075P	3.180	2.850	.475	.645	2.400
078	DB3-078P	3.280	2.950	.475	.645	2.500
081	DB3-081P	3.380	3.050	.475	.645	2.600
084	DB3-084P	3.480	3.150	.475	.645	2.700
087	DB3-087P	3.580	3.250	.475	.645	2.800
090	DB3-090P	3.680	3.350	.475	.645	2.900
093	DB3-093P	3.780	3.450	.475	.645	3.000
096	DB3-096P	3.880	3.550	.475	.645	3.100
099	DB3-099P	3.980	3.650	.475	.645	3.200
102	DB3-102P	4.080	3.750	.475	.645	3.300
105	DB3-105P	4.180	3.850	.475	.645	3.400
108	DB3-108P	4.280	3.950	.475	.645	3.500
111	DB3-111P	4.380	4.050	.475	.645	3.600
114	DB3-114P	4.480	4.150	.475	.645	3.700
117	DB3-117P	4.580	4.250	.475	.645	3.800
120	DB3-120P	4.680	4.350	.475	.645	3.900
123	DB3-123P	4.780	4.450	.475	.645	4.000
126	DB3-126P	4.880	4.550	.475	.645	4.100
129	DB3-129P	4.980	4.650	.475	.645	4.200
132	DB3-132P	5.080	4.750	.475	.645	4.300
135	DB3-135P	5.180	4.850	.475	.645	4.400
138	DB3-138P	5.280	4.950	.475	.645	4.500
141	DB3-141P	5.380	5.050	.475	.645	4.600
144	DB3-144P	5.480	5.150	.475	.645	4.700
147	DB3-147P	5.580	5.250	.475	.645	4.800
150	DB3-150P	5.680	5.350	.475	.645	4.900
153	DB3-153P	5.780	5.450	.475	.645	5.000
156	DB3-156P	5.880	5.550	.475	.645	5.100
159	DB3-159P	5.980	5.650	.475	.645	5.200
162	DB3-162P	6.080	5.750	.475	.645	5.300
165	DB3-165P	6.180	5.850	.475	.645	5.400

Number of Contacts	DB Number*	A Max.	B	C Max.	H Max.	AA
168	DB3-168P	6.280	5.950	.475	.645	5.500
171	DB3-171P	6.380	6.050	.475	.645	5.600
174	DB3-174P	6.480	6.150	.475	.645	5.700
177	DB3-177P	6.580	6.250	.475	.645	5.800
180	DB3-180P	6.680	6.350	.475	.645	5.900
183	DB3-183P	6.780	6.450	.475	.645	6.000
186	DB3-186P	6.880	6.550	.475	.645	6.100
189	DB3-189P	6.980	6.650	.475	.645	6.200
192	DB3-192P	7.080	6.750	.475	.645	6.300
195	DB3-195P	7.180	6.850	.475	.645	6.400
198	DB3-198P	7.280	6.950	.475	.645	6.500
201	DB3-201P	7.380	7.050	.475	.645	6.600
204	DB3-204P	7.480	7.150	.475	.645	6.700
207	DB3-207P	7.580	7.250	.475	.645	6.800
210	DB3-210P	7.680	7.350	.475	.645	6.900
213	DB3-213P	7.780	7.450	.475	.645	7.000
216	DB3-216P	7.880	7.550	.475	.645	7.100
219	DB3-219P	7.980	7.650	.475	.645	7.200
222	DB3-222P	8.080	7.750	.475	.645	7.300
225	DB3-225P	8.180	7.850	.475	.645	7.400
228	DB3-228P	8.280	7.950	.475	.645	7.500
231	DB3-231P	8.380	8.050	.475	.645	7.600
234	DB3-234P	8.480	8.150	.475	.645	7.700
237	DB3-237P	8.580	8.250	.475	.645	7.800
240	DB3-240P	8.680	8.350	.475	.645	7.900
243	DB3-243P	8.780	8.450	.475	.645	8.000
246	DB3-246P	8.880	8.550	.475	.645	8.100
249	DB3-249P	8.980	8.650	.475	.645	8.200
252	DB3-252P	9.080	8.750	.475	.645	8.300
255	DB3-255P	9.180	8.850	.475	.645	8.400
258	DB3-258P	9.280	8.950	.475	.645	8.500
261	DB3-261P	9.380	9.050	.475	.645	8.600
264	DB3-264P	9.480	9.150	.475	.645	8.700
267	DB3-267P	9.580	9.250	.475	.645	8.800
270	DB3-270P	9.680	9.350	.475	.645	8.900
273	DB3-273P	9.780	9.450	.475	.645	9.000
276	DB3-276P	9.880	9.550	.475	.645	9.100
279	DB3-279P	9.980	9.650	.475	.645	9.200
282	DB3-282P	10.080	9.750	.475	.645	9.300
285	DB3-285P	10.180	9.850	.475	.645	9.400
288	DB3-288P	10.280	9.950	.475	.645	9.500
291	DB3-291P	10.380	10.050	.475	.645	9.600
294	DB3-294P	10.480	10.150	.475	.645	9.700
297	DB3-397P	10.580	10.250	.475	.645	9.800
300	DB3-300P	10.680	10.350	.475	.645	9.900

\*See How to Order, pages 5, 6 and 7

# Low Mating Force daughter board connector 4 row contact arrangements

Number of Contacts	DB Number*	A Max.	B	C Max.	H Max.	AA
040	DB4-040P	1.680	1.350	.575	.745	.900
044	DB4-044P	1.780	1.450	.575	.745	1.000
048	DB4-048P	1.880	1.550	.575	.745	1.100
052	DB4-052P	1.980	1.650	.575	.745	1.200
056	DB4-056P	2.080	1.750	.575	.745	1.300
060	DB4-060P	2.180	1.850	.575	.745	1.400
064	DB4-064P	2.280	1.950	.575	.745	1.500
068	DB4-068P	2.380	2.050	.575	.745	1.600
072	DB4-072P	2.480	2.150	.575	.745	1.700
076	DB4-076P	2.580	2.250	.575	.745	1.800
080	DB4-080P	2.680	2.350	.575	.745	1.900
084	DB4-084P	2.780	2.450	.575	.745	2.000
088	DB4-088P	2.880	2.550	.575	.745	2.100
092	DB4-092P	2.980	2.650	.575	.745	2.200
096	DB4-096P	3.080	2.750	.575	.745	2.300
100	DB4-100P	3.180	2.850	.575	.745	2.400
104	DB4-104P	3.280	2.950	.575	.745	2.500
108	DB4-108P	3.380	3.050	.575	.745	2.600
112	DB4-112P	3.480	3.150	.575	.745	2.700
116	DB4-116P	3.580	3.250	.575	.745	2.800
120	DB4-120P	3.680	3.350	.575	.745	2.900
124	DB4-124P	3.780	3.450	.575	.745	3.000
128	DB4-128P	3.880	3.550	.575	.745	3.100
132	DB4-132P	3.980	3.650	.575	.745	3.200
136	DB4-136P	4.080	3.750	.575	.745	3.300
140	DB4-140P	4.180	3.850	.575	.745	3.400
144	DB4-144P	4.280	3.950	.575	.745	3.500
148	DB4-148P	4.380	4.050	.575	.745	3.600
152	DB4-152P	4.480	4.150	.575	.745	3.700
156	DB4-156P	4.580	4.250	.575	.745	3.800
160	DB4-160P	4.680	4.350	.575	.745	3.900
164	DB4-164P	4.780	4.450	.575	.745	4.000
168	DB4-168P	4.880	4.550	.575	.745	4.100
172	DB4-172P	4.980	4.650	.575	.745	4.200
176	DB4-176P	5.080	4.750	.575	.745	4.300
180	DB4-180P	5.180	4.850	.575	.745	4.400
184	DB4-184P	5.280	4.950	.575	.745	4.500
188	DB4-188P	5.380	5.050	.575	.745	4.600
192	DB4-192P	5.480	5.150	.575	.745	4.700
196	DB4-196P	5.580	5.250	.575	.745	4.800
200	DB4-200P	5.680	5.350	.575	.745	4.900
204	DB4-204P	5.780	5.450	.575	.745	5.000
208	DB4-208P	5.880	5.550	.575	.745	5.100
212	DB4-212P	5.980	5.650	.575	.745	5.200
216	DB4-216P	6.080	5.750	.575	.745	5.300
220	DB4-220P	6.180	5.850	.575	.745	5.400

Number of Contacts	DB Number*	A Max.	B	C Max.	H Max.	AA
224	DB4-224P	6.280	5.950	.575	.745	5.500
228	DB4-228P	6.380	6.050	.575	.745	5.600
232	DB4-232P	6.480	6.150	.575	.745	5.700
236	DB4-236P	6.580	6.250	.575	.745	5.800
240	DB4-240P	6.680	6.350	.575	.745	5.900
244	DB4-244P	6.780	6.450	.575	.745	6.000
248	DB4-248P	6.880	6.550	.575	.745	6.100
252	DB4-252P	6.980	6.650	.575	.745	6.200
256	DB4-256P	7.080	6.750	.575	.745	6.300
260	DB4-260P	7.180	6.850	.575	.745	6.400
264	DB4-264P	7.280	6.950	.575	.745	6.500
268	DB4-268P	7.380	7.050	.575	.745	6.600
272	DB4-272P	7.480	7.150	.575	.745	6.700
276	DB4-276P	7.580	7.250	.575	.745	6.800
280	DB4-280P	7.680	7.350	.575	.745	6.900
284	DB4-284P	7.780	7.450	.575	.745	7.000
288	DB4-288P	7.780	7.550	.575	.745	7.100
292	DB4-292P	7.980	7.650	.575	.745	7.200
296	DB4-296P	8.080	7.750	.575	.745	7.300
300	DB4-300P	8.180	7.850	.575	.745	7.400
304	DB4-304P	8.280	7.950	.575	.745	7.500
308	DB4-308P	8.380	8.050	.575	.745	7.600
312	DB4-312P	8.480	8.150	.575	.745	7.700
316	DB4-316P	8.580	8.250	.575	.745	7.800
320	DB4-320P	8.680	8.350	.575	.745	7.900
324	DB4-324P	8.780	8.450	.575	.745	8.000
328	DB4-328P	8.880	8.550	.575	.745	8.100
332	DB4-332P	8.980	8.650	.575	.745	8.200
336	DB4-336P	9.080	8.750	.575	.745	8.300
340	DB4-340P	9.180	8.850	.575	.745	8.400
344	DB4-344P	9.280	8.950	.575	.745	8.500
348	DB4-348P	9.380	9.050	.575	.745	8.600
352	DB4-352P	9.480	9.150	.575	.745	8.700
356	DB4-356P	9.580	9.250	.575	.745	8.800
360	DB4-360P	9.680	9.350	.575	.745	8.900
364	DB4-364P	9.780	9.450	.575	.745	9.000
368	DB4-368P	9.880	9.550	.575	.745	9.100
372	DB4-372P	9.980	9.650	.575	.745	9.200
376	DB4-376P	10.080	9.750	.575	.745	9.300
380	DB4-380P	10.180	9.850	.575	.745	9.400
384	DB4-384P	10.280	9.950	.575	.745	9.500
388	DB4-388P	10.380	10.050	.575	.745	9.600
392	DB4-392P	10.480	10.150	.575	.745	9.700
396	DB4-396P	10.580	10.250	.575	.745	9.800
400	DB4-400P	10.680	10.350	.575	.745	9.900

\*See How to Order, pages 5, 6 and 7