

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 3, 4 and 5

Low Mating Force

daughter board connector

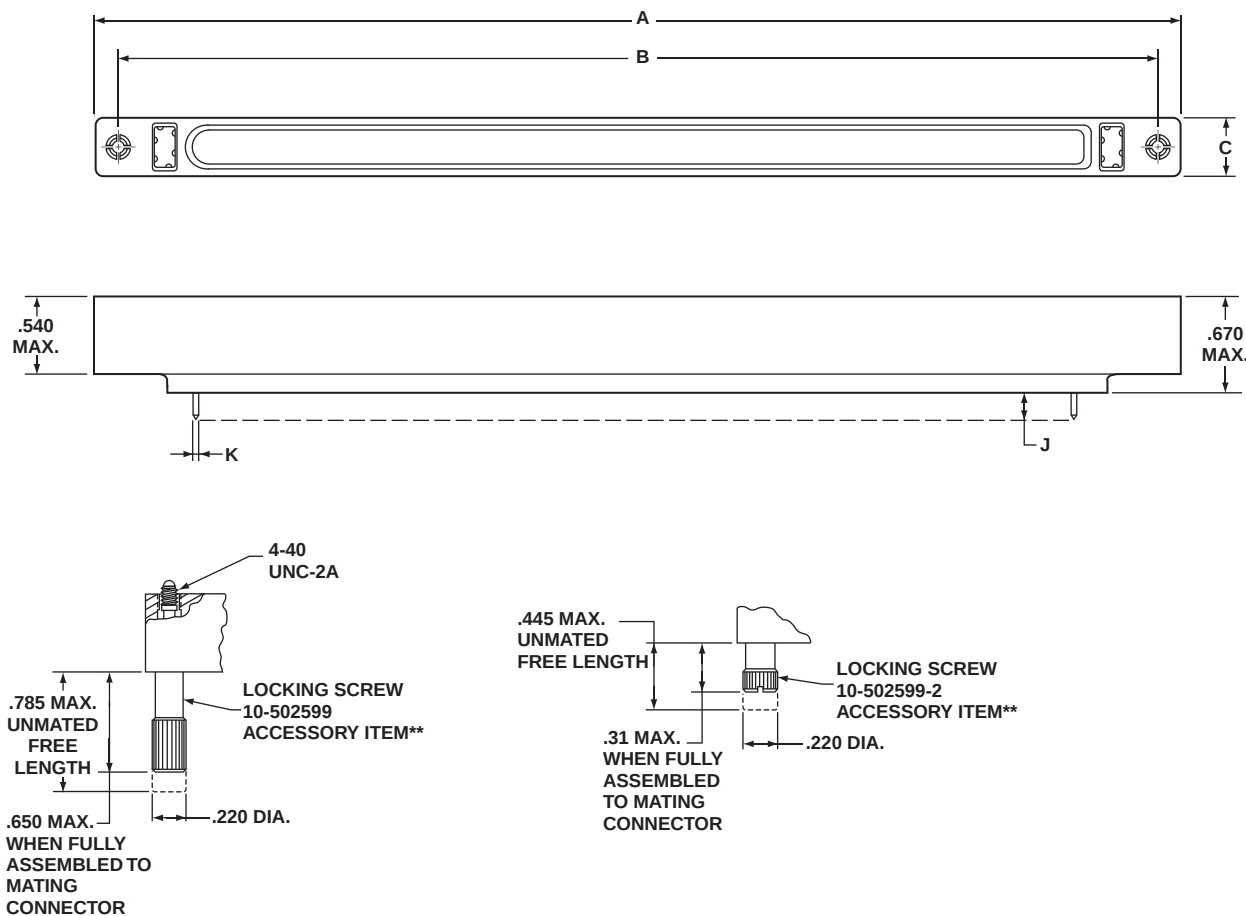
4 row contact arrangements

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	7.880	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 3, 4 and 5

Low Mating Force input/output connector



MATES WITH MB AND PC SERIES CONNECTORS

Notes:

When mating with MB or PC connector, a total of .022 inch minimum radial pilot is available for connector body alignment.

All dimensions for reference only.

Crimp contact, wire well size 22D, supplied with IO Connector Series assemblies. Optional noble metal termination plating available. See How to Order, page 5.

Polarization keys are not supplied as part of IO Connector Series assemblies. See Accessories How to Order, page 5 and further description, page 24.

** Locking Screws are not supplied as part of IO Connector Series assemblies. See Accessories How to Order, page 5 and further description, page 29.

Contact Data			
Description	Termination Style Letter	J ±.020	K ±.002
Rear Removable Crimp Contact	C	N/A	N/A
Round PCB Stud Solder Termination	P	.145	.021
	P-(713)	.060	.021
	P-(709)	.335	.021

NOTE: Other variations available - see pages 4 and 5, or consult Amphenol Aerospace.

Low Mating Force

input/output connector

2 row contact arrangements

Number of Contacts	IO Number*	A Max.	B	C Max.
020	IO2-020(*)	2.295	1.975	.390
022	IO2-022(*)	2.395	2.075	.390
024	IO2-024(*)	2.495	2.175	.390
026	IO2-026(*)	2.595	2.275	.390
028	IO2-028(*)	2.695	2.375	.390
030	IO2-030(*)	2.795	2.475	.390
032	IO2-032(*)	2.895	2.575	.390
034	IO2-034(*)	2.995	2.675	.390
036	IO2-036(*)	3.095	2.775	.390
038	IO2-038(*)	3.195	2.875	.390
040	IO2-040(*)	3.295	2.975	.390
042	IO2-042(*)	3.395	3.075	.390
044	IO2-044(*)	3.495	3.175	.390
046	IO2-046(*)	3.595	3.275	.390
048	IO2-048(*)	3.695	3.375	.390
050	IO2-050(*)	3.795	3.475	.390
052	IO2-052(*)	3.895	3.575	.390
054	IO2-054(*)	3.995	3.675	.390
056	IO2-056(*)	4.095	3.775	.390
058	IO2-058(*)	4.195	3.875	.390
060	IO2-060(*)	4.295	3.975	.390
062	IO2-062(*)	4.395	4.075	.390
064	IO2-064(*)	4.495	4.175	.390
066	IO2-066(*)	4.595	4.275	.390
068	IO2-068(*)	4.695	4.375	.390
070	IO2-070(*)	4.795	4.475	.390
072	IO2-072(*)	4.895	4.575	.390
074	IO2-074(*)	4.995	4.675	.390
076	IO2-076(*)	5.095	4.775	.390
078	IO2-078(*)	5.195	4.875	.390
080	IO2-080(*)	5.295	4.975	.390
082	IO2-082(*)	5.395	5.075	.390
084	IO2-084(*)	5.495	5.175	.390
086	IO2-086(*)	5.595	5.275	.390
088	IO2-088(*)	5.695	5.375	.390
090	IO2-090(*)	5.795	5.475	.390
092	IO2-092(*)	5.895	5.575	.390
094	IO2-094(*)	5.995	5.675	.390
096	IO2-096(*)	6.095	5.775	.390
098	IO2-098(*)	6.195	5.875	.390
100	IO2-100(*)	6.295	5.975	.390
102	IO2-102(*)	6.395	6.075	.390
104	IO2-104(*)	6.495	6.175	.390
106	IO2-106(*)	6.595	6.275	.390
108	IO2-108(*)	6.695	6.375	.390
110	IO2-110(*)	6.795	6.475	.390

Number of Contacts	IO Number*	A Max.	B	C Max.
112	IO2-112(*)	6.895	6.575	.390
114	IO2-114(*)	6.995	6.675	.390
116	IO2-116(*)	7.095	6.775	.390
118	IO2-118(*)	7.195	6.875	.390
120	IO2-120(*)	7.295	6.975	.390
122	IO2-122(*)	7.395	7.075	.390
124	IO2-124(*)	7.495	7.175	.390
126	IO2-126(*)	7.595	7.275	.390
128	IO2-128(*)	7.695	7.375	.390
130	IO2-130(*)	7.795	7.475	.390
132	IO2-132(*)	7.895	7.575	.390
134	IO2-134(*)	7.995	7.675	.390
136	IO2-136(*)	8.095	7.775	.390
138	IO2-138(*)	8.195	7.875	.390
140	IO2-140(*)	8.295	7.975	.390
142	IO2-142(*)	8.395	8.075	.390
144	IO2-144(*)	8.495	8.175	.390
146	IO2-146(*)	8.595	8.275	.390
148	IO2-148(*)	8.695	8.375	.390
150	IO2-150(*)	8.795	8.475	.390
152	IO2-152(*)	8.895	8.575	.390
154	IO2-154(*)	8.995	8.675	.390
156	IO2-156(*)	9.095	8.775	.390
158	IO2-158(*)	9.195	8.875	.390
160	IO2-160(*)	9.295	8.975	.390
162	IO2-162(*)	9.395	9.075	.390
164	IO2-164(*)	9.495	9.175	.390
166	IO2-166(*)	9.595	9.275	.390
168	IO2-168(*)	9.695	9.375	.390
170	IO2-170(*)	9.795	9.475	.390
172	IO2-172(*)	9.895	9.575	.390
174	IO2-174(*)	9.995	9.675	.390
176	IO2-176(*)	10.095	9.775	.390
178	IO2-178(*)	10.195	9.875	.390
180	IO2-180(*)	10.295	9.975	.390
182	IO2-182(*)	10.395	10.075	.390
184	IO2-184(*)	10.495	10.175	.390
186	IO2-186(*)	10.595	10.275	.390
188	IO2-188(*)	10.695	10.375	.390
190	IO2-190(*)	10.795	10.475	.390
192	IO2-192(*)	10.895	10.575	.390
194	IO2-194(*)	10.995	10.675	.390
196	IO2-196(*)	11.095	10.775	.390
198	IO2-198(*)	11.195	10.875	.390
200	IO2-200(*)	11.295	10.975	.390

*See How to Order, pages 3, 4 and 5