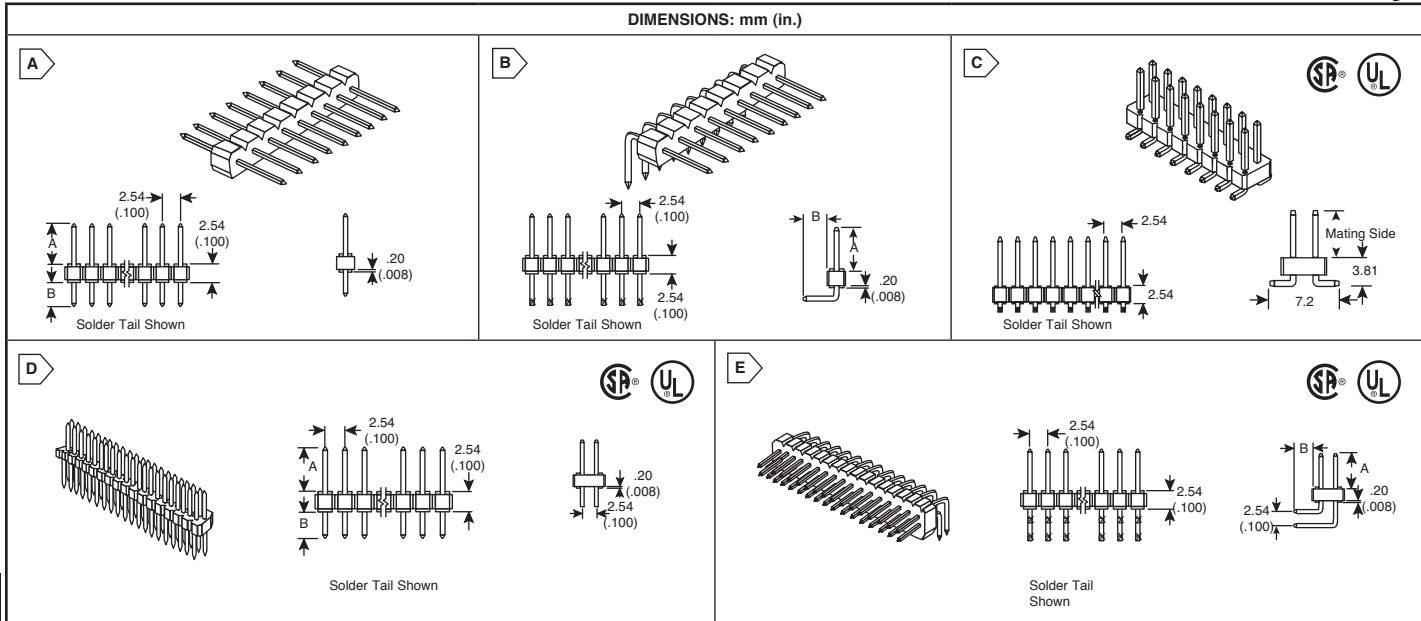


FCI BergStik™ Unshrouded Breakaway Headers



RoHS Compliant This product is RoHS compliant.

DIMENSIONS: mm (in.)



Features:

- "Breakaway" design can be cut or broken to length to suit application
- Centerline pin spacing: .100"
- Insulation resistance: 5000MΩ min.
- Withstanding voltage: 1500VAC rms (sea level)
- Current rating: 3A continuous
- Temperature range: -65°C to +130°C
- 0.025" (0.64mm) square pins
- Mates with Duxob Connectors
- RoHS compliant per FCI documentation

.100" SINGLE ROW HEADERS

MOUSER STOCK NO.	FCI Part No.	Fig.	No. of Pos.	Dimensions		Plating	Price Each		
				Mating End A	Tail End B		1	100	500
Straight Solder Tail									
649-68000-101HLF	68000-101HLF	A	1	0.23	0.095	30µ" Gold	.08	.064	.054
649-68000-402HLF	68000-402HLF	A	2	0.23	0.095	100µ" Tin	1.53	1.28	1.11
649-68001-102HLF	68001-102HLF	A	2	0.23	0.12	30µ" Gold	.13	.117	.104
649-68001-202HLF	68001-202HLF	A	2	0.23	0.12	15µ" Gold	.10	.075	.065
649-68001-402HLF	68001-402HLF	A	2	0.23	0.12	100µ" Tin	.75	.612	.548
649-68001-403HLF	68001-403HLF	A	3	0.23	0.12	100µ" Tin	.11	.097	.086
649-68000-103HLF	68000-103HLF	A	3	0.23	0.095	30µ" Gold	.09	.077	.064
649-68001-103HLF	68001-103HLF	A	3	0.23	0.12	30µ" Gold	.17	.129	.118
649-68000-203HLF	68000-203HLF	A	3	0.23	0.095	15µ" Gold	.08	.064	.057
649-68001-203HLF	68001-203HLF	A	3	0.23	0.12	15µ" Gold	.12	.097	.092
649-68001-104HLF	68001-104HLF	A	4	0.23	0.12	30µ" Gold	.21	.172	.14
649-68002-404HLF	68002-404HLF	A	4	0.23	0.15	100µ" Tin	.12	.107	.086
649-68000-105HLF	68000-105HLF	A	5	0.23	0.095	30µ" Gold	.22	.193	.161
649-68000-106HLF	68000-106HLF	A	6	0.23	0.095	30µ" Gold	.23	.204	.171
649-68000-406HLF	68000-406HLF	A	6	0.23	0.095	100µ" Tin	.22	.165	.129
649-68000-109HLF	68000-109HLF	A	9	0.23	0.095	30µ" Gold	.38	.312	.28
649-68000-136HLF	68000-136HLF	A	36	0.23	0.095	30µ" Gold	1.04	.913	.816
649-68001-136HLF	68001-136HLF	A	36	0.23	0.12	30µ" Gold	.99	.874	.762
649-68003-136HLF	68003-136HLF	A	36	0.23	0.195	30µ" Gold	2.00	1.69	1.53
649-68000-236HLF	68000-236HLF	A	36	0.23	0.095	15µ" Gold	.57	.485	.419
649-68001-236HLF	68001-236HLF	A	36	0.23	0.12	15µ" Gold	.92	.785	.72
649-68002-236HLF	68002-236HLF	A	36	0.23	0.15	15µ" Gold	1.26	1.05	.878
649-78511-236HLF	78511-236HLF	A	36	0.318	0.12	15µ" Gold	2.54	1.97	1.78
649-68000-436HLF	68000-436HLF	A	36	0.23	0.095	100µ" Tin	.74	.565	.452
649-68001-436HLF	68001-436HLF	A	36	0.23	0.12	100µ" Tin	.66	.591	.527
649-78511-436HLF	78511-436HLF	A	36	0.318	0.12	100µ" Tin	.95	.812	.699
649-69152-436HLF	69152-436HLF	A	36	0.50	0.12	100µ" Tin	1.26	1.06	.942

Straight Retentive Solder Tail									
649-69190-202HLF	69190-202HLF	A	2	0.23	0.12	15µ" Gold	.12	.11	.107
649-69190-402HLF	69190-402HLF	A	2	0.23	0.12	100µ" Tin	.11	.086	.081
649-69190-403HLF	69190-403HLF	A	3	0.23	0.12	100µ" Tin	.22	.14	.115
649-69190-204HLF	69190-204HLF	A	4	0.23	0.12	15µ" Gold	.12	.108	.097
649-69190-405HLF	69190-405HLF	A	5	0.23	0.12	100µ" Tin	.18	.14	.126
649-69190-210HLF	69190-210HLF	A	10	0.23	0.12	15µ" Gold	.34	.28	.258
649-69190-236HLF	69190-236HLF	A	36	0.23	0.12	15µ" Gold	1.12	.935	.828
Right Angle Solder Tail									
649-68015-136HLF	68015-136HLF	B	36	0.23	0.09	30µ" Gold	1.48	1.19	1.07
649-68016-136HLF	68016-136HLF	B	36	0.23	0.12	30µ" Gold	1.46	1.27	1.13
649-68015-236HLF	68015-236HLF	B	36	0.23	0.09	15µ" Gold	1.25	1.04	.925
649-68016-236HLF	68016-236HLF	B	36	0.23	0.12	15µ" Gold	1.18	1.03	.919
649-68015-436HLF	68015-436HLF	B	36	0.23	0.09	100µ" Tin	1.25	1.09	.967
649-68016-436HLF	68016-436HLF	B	36	0.23	0.12	100µ" Tin	.77	.666	.591
Right Angle Retentive Solder Tail									
649-69191-403HLF	69191-403HLF	B	3	0.23	0.12	100µ" Tin	.19	.161	.14
649-69191-205HLF	69191-205HLF	B	5	0.23	0.12	15µ" Gold	.30	.247	.218

.100" DOUBLE ROW HEADERS

MOUSER STOCK NO.	FCI Part No.	Fig.	No. of Pos.	Dimensions		Plating	Price Each		
				Mating End A	Tail End B		1	100	500
Vertical SMT									
649-95278-101A04LF	95278-101A04LF	C	4	0.23	-	30µ" Gold	.65	.564	.496
649-95278-101A06LF	95278-101A06LF	C	6	0.23	-	30µ" Gold	.75	.579	.555
Right Angle Solder Tail									
649-68020-172HLF	68020-172HLF	E	72	0.23	0.095	30µ" Gold	2.59	2.35	2.09
649-68021-172HLF	68021-172HLF	E	72	0.23	0.12	30µ" Gold	2.48	2.18	1.93
649-68021-272HLF	79257-272HLF	E	72	0.23	0.12	15µ" Gold	2.48	2.07	1.82
649-68020-472HLF	68020-472HLF	E	72	0.23	0.095	100µ" Tin	.94	.806	.72
649-68021-472HLF	68021-472HLF	E	72	0.23	0.12	100µ" Tin	2.35	2.03	1.79

.100" DOUBLE ROW HEADERS (CONT.)

MOUSER STOCK NO.	FCI Part No.	Fig.	No. of Pos.	Dimensions		Plating	Price Each		
				Mating End A	Tail End B		1	100	500
Vertical SMT (Cont.)									
649-95278-101A08LF	95278-101A08LF	C	8	0.23	-	30µ" Gold	.77	.551	.528
649-95278-101A10LF	95278-101A10LF	C	10	0.23	-	30µ" Gold	.83	.764	.698
649-95278-101A12LF	95278-101A12LF	C	12	0.23	-	30µ" Gold	.80	.624	.613
649-95278-101A16LF	95278-101A16LF	C	16	0.23	-	30µ" Gold	.80	.712	.62
649-95278-101A20LF	95278-101A20LF	C	20	0.23	-	30µ" Gold	1.23	1.01	.849
649-95157-140LF	95157-140LF	C	40	0.23	-	30µ" Gold	1.11	.935	.827
649-95157-240LF	95157-240LF	C	40	0.23	-	15µ" Gold	1.30	.959	.898
649-95157-440LF	95157-440LF	C	40	0.23	-	100µ" Tin	.90	.627	.602

Straight Solder Tail									
649-67996-104HLF	67996-104HLF	D	4	0.23	0.095	30µ" Gold	.19	.14	.129
649-67997-104HLF	67997-104HLF	D	4	0.23	0.12	30µ" Gold	.20	.151	.14
649-67996-106HLF	67996-106HLF	D	6	0.23	0.095	30µ" Gold	.24	.204	.19
649-67997-106HLF	67997-106HLF	D	6	0.23	0.12	30µ" Gold	1.66	1.39	1.13
649-68602-106HLF	68602-106HLF	D	6	0.23	0.15	30µ" Gold	.23	.193	.171
649-67996-108HLF	67996-108HLF	D	8	0.23	0.095	30µ" Gold	2.42	2.14	1.90
649-67997-108HLF	67997-108HLF	D	8	0.23	0.12	30µ" Gold	.34	.269	.226
649-67997-208HLF	67997-208HLF	D	8	0.23	0.12	15µ" Gold	.22	.183	.161
649-67996-408HLF	67996-408HLF	D	8	0.23	0.095	100µ" Tin	.19	.172	.15
649-67996-110HLF	67996-110HLF	D	10	0.23	0.095	30µ" Gold	.39	.312	.269
649-67997-110HLF	67997-110HLF	D	10	0.23	0.12	30µ" Gold	2.14	1.80	1.58
649-68602-110HLF	68602-110HLF	D	10	0.23	0.15	30µ" Gold	.34	.22	.176
649-67997-210HLF	67997-210HLF	D	10	0.23	0.12	15µ" Gold	.28	.226	.194
649-68602-112HLF	68602-112HLF	D	12	0.23	0.15	30µ" Gold	.22	.206	.161
649-67997-112HLF	67997-112HLF	D	12	0.23	0.12	30µ" Gold	.44	.376	.333
649-67996-114HLF	67996-114HLF	D	14	0.23	0.095	30µ" Gold	.51	.43	.373
649-67996-116HLF	67996-116HLF	D	16	0.23	0.095	30µ" Gold	.66	.559	.495
649-67997-116HLF	67997-116HLF	D	16	0.23	0.12	30µ" Gold	.59	.516	.451
649-68602-116HLF	68602-116HLF	D	16	0.23	0.15	30µ" Gold	.30	.268	.236
649-67997-220HLF	67997-220HLF	D	20	0.23	0.12	15µ" Gold	.91	.785	.71
649-67996-120HLF	67996-120HLF	D	20	0.23	0.095	30µ" Gold	.69	.591	.516
649-67997-120HLF	67997-120HLF	D	20	0.23	0.12	30µ" Gold	3.38	3.10	2.75
649-68602-120HLF	68602-120HLF	D	20	0.23	0.15	30µ" Gold	.61	.544	.462
649-68602-220HLF	68602-220HLF	D	20	0.23	0.15	15µ" Gold	.69	.516	.462
649-67996-130HLF	67996-130HLF	D	30	0.23	0.095	30µ" Gold	.95	.838	.752
649-68602-132HLF	68602-132HLF	D	32	0.23	0.15	30µ" Gold	.93	.688	.634
649-67996-172HLF	67996-172HLF	D	72	0.23	0.095	30µ" Gold	1.99	1.73	1.57
649-67997-172HLF	67997-172HLF	D	72	0.23	0.12	30µ" Gold	2.18	1.83	1.60
649-68602-172HLF	68602-172HLF	D	72	0.23	0.15	30µ" Gold	2.18	1.83	1.60
649-68691-172HLF	68691-172HLF	D	72	0.318	0.12	30µ" Gold	2.10	1.76	1.54
649-67997-272HLF	67997-272HLF	D	72	0.23	0.12	15µ" Gold	1.61	1.43	1.24
649-67996-272HLF	67996-272HLF	D	72	0.23	0.095	15µ" Gold	1.78	1.50	1.30
649-67997-472HLF	67997-472HLF	D	72	0.23	0.12	100µ" Tin	.75	.667	.591
649-68602-472HLF	68602-472HLF	D	72	0.23	0.15	100µ" Tin	1.49	1.25	