

Performance Specifications: PIN STRIP HEADERS

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PRODUCT SERIES	PEG	TPEG	MPEG	FMPEG	DPEG	GPEG	GMPEG	LPEG	PLS PLT	MPLS MPLT	PGM	MPGM	DPGM	LPGM	PFF PFH	MPFF MPFH	PLF PLH	MPLF MPLH
PAGES IN C57 CATALOG	8-9 22-23 24-25	10-11	12-13 28-29	14-15	16-17	18-19 30-31	20-21	26-27	32-33	34-35	56-57 62-63 66-67	58-59 64-65	60-61	68-69	76-77 84-85 86-87	78-79 88-89	80-81	82-83 90-91
INSULATOR MATERIAL	Glass Filled (GF) Polyester				N/A	High Temp Thermoplastic		Glass Filled Polyester			High Temp Thermoplastic		N/A	High Temp Thermoplastic				
TEMPERATURE RANGE	-55C to +125C				N/A	-65C to +220C		-55C to +125C			-65C to +220C		N/A	-65C to +220C				
FLAMMABILITY RATING	All Crane Connector Products Are Rated At UL94V-O																	
CONTACT MATERIAL	Phosphor Bronze																	
PLATING OPTIONS	G, T or M, H, L, F										G,T or H,L,F				G, F or T			
INSULATION RESISTANCE	50,000 Megohms				N/A	50,000 Megohms					5,000 Megohms		N/A	5,000 Megohms				
DWV (DIELECTRIC WITHSTANDING)	1500 VAC RMS				N/A	1500 VAC RMS					650 VAC RMS		N/A	650 VAC RMS				
CURRENT RATING	3 AMPS										1 AMP							

Recommended Plated Thru Hole Sizes - PIN STRIP HEADERS

PIN SIZE	DIA / DIAG	HOLE SIZE	USED ON
0.025" Square	0.034"	0.040" +/- 0.003"	PEG / MPEG / GPEG / TPEG / LPEG / FMPEG
0.025" Coined	0.030"	0.038" +/- 0.003"	PEG / MPEG / GPEG / TPEG / LPEG / FMPEG
0.025" Coined	0.030"	0.032" +/- 0.002"	DPEG
0.025" Fine Line	0.018"	0.023" +/- 0.003"	PEG / MPEG / GPEG / TPEG / LPEG / FMPEG
0.020" Square	0.025"	0.032" +/- 0.003"	PGM / MPGM / DPGM / LPGM
0.020" Rounded	0.020"	0.025" +/- 0.003"	PFF / PFH / MPFF / MPFH
0.018" Square	0.023"	0.030" +/- 0.003"	PFF / PFH / MPFF / MPFH
0.018" Round	0.018"	0.023" +/- 0.003"	PFF / PFH / MPFF / MPFH

Recommended Plated Thru Hole Sizes - BOARD MOUNT SOCKETS

PIN SIZE	HOLE SIZE	USED ON
0.030" x 0.016"	0.040" +/- 0.003"	ATP / ATL / MATP / MATL / ATS / ATT /GATT
0.028" x 0.009"	0.035" +/- 0.003"	ABS / ABH / BBP
0.031" x 0.011"	0.040" +/- 0.003"	ABT / BBP
0.020" x 0.008"	0.028" +/- 0.003"	ATM
0.025" x 0.025" SQ	0.040" +/- 0.003"	ATP / ATL / MATP / MATL

ENGINEERING NOTE: The information presented in this catalog is accurate to the best of our knowledge. Due to on-going efforts to advance design and material performance, the information is subject to change without notice.

SAMPLE HOTLINE: 1-800-676-7644

Performance Specifications: BOARD MOUNT SOCKETS / PROGRAMMING JUMPERS

PRODUCT SERIES	ATP	ATL	MATP	MATL	ATS	ABS	ABT	ABH	BBP	GATT	ATT	ATM	AFF	ATF	LCC	SOJ	JUN	JNM	
PA-GES IN C57 CATALOG	36-37	36-37	38-39 40-41	38-39 40-41	42-43	44-45	44-45	52-53	46-47	50-51	48-49	70-71 72-73	92-93	94-95	96-97	98=99	54-55	74-75	
INSULATOR MATERIAL	Glass Filled (GF) Polyester									High Temp	GFP	High Temperature Thermoplastic				GF Polyester			
TEMPERATURE RANGE	-55° C to + 125° C									-65° to + 220° C				-40° to + 105° C		-55° to + 125° C			
FLAMMABILITY RATING	All Crane Connector Products Are Rated at UL94V-O																		
CONTACT MATERIAL	Copper Alloy 770		Phosphor Bronze										CA770		Phosphor Bronze				
PLATING OPTIONS	G,T or M,H,L,F				G,T or H,F				G,T or M,H,L,F		G,T or H,F	G, F or H		Tin		G,T or H,F			
INSULATION RESISTANCE	5000 Megohms												1000 Megohms Minimum						
DWV (DIELECTRIC WITHSTANDING)	1000 VAC RMS												AC 500V RMS		1000 VAC RMS				
CURRENT RATING	1 AMP															3 AMPS		1 AMP	
CONTACT RESISTANCE	<10 Milliohms				<20 Milliohms				<10 Milliohms		<20 Milliohms								
LEAD INSERTION DEPTH	NOM	0.230"			0.150"	0.150"	0.230"	0.230"	---	0.230"	3,7mm	0.115"	0.140"	N/A	0.200"	3,5mm			
	MIN	0.120"			0.095"	0.100"	0.190"	0.100"	0.055"	0.100"	2,0mm	0.050"	0.050"		0.170"	2,5mm			
	MAX	0.245"			0.170"	0.195"	0.330"	0.250"	N/A	0.250"	4,2mm	0.175"	0.225"		N/A				
INSERTION FORCE	5.0 Oz. Avg.	2.5 Oz. Avg.	5.0 Oz. Avg.	2.5 Oz. Avg.	5.0 Oz. Avg.	3.5 Oz. Avg.	10.0 Oz. Avg.	2.5 Oz. Avg.	3.5 Oz. Avg.	6.0 Oz. Avg.	225g Avg.	3.5 Oz. Avg.	1.5 Oz. Avg.	N/A	24.0 Oz. Avg.	450g Avg.			
WITHDRAWAL FORCE	3.0 Oz. Avg.	1.5 Oz. Avg.	3.0 Oz. Avg.	1.5 Oz. Avg.	3.0 Oz. Avg.	2.5 Oz. Avg.	6.0 Oz. Avg.	2.0 Oz. Avg.	2.5 Oz. Avg.	5.0 Oz. Avg.	125g Avg.	2.5 Oz. Avg.	1.0 Oz. Avg.		12.0 Oz. Avg.	150g Avg.			

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