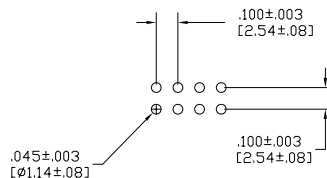
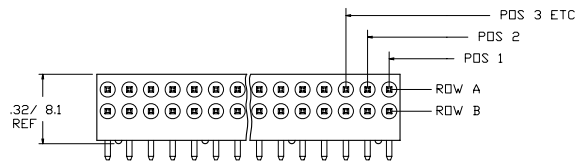


PRODUCT NO.
SEE TABLE

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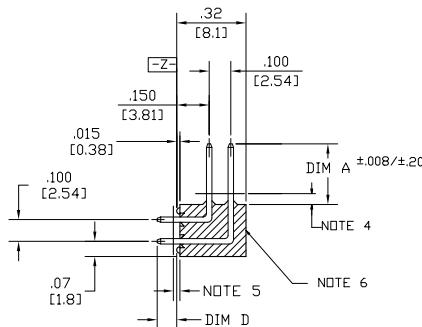
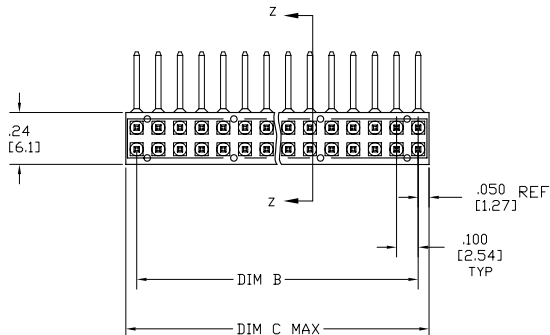
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RECOMMENDED HOLE PATTERN

NOTES:

- 1. TERMINAL MAT'L: 3/4 HARD PHOS BRONZE ALLOY, UNS-C51000.
- ② TERMINAL PLATING: SEE CHART OPTIONS ARE, .15u"/.38u, .30u"/.076u OR 50u"/1.27u Au OVER 30u"/Ni OR 150u"/3.81u 93/7 SnPb.
- ③ MOLDING MAT'L OPTIONS (SEE CHART FOR DISTINCTIONS); 20% MIN GLASS FILLED POLYESTER, FLAME RETARDANT PER UL-94 V-0, COLOR-BLACK OR 20% MIN GLASS FILLED NYLON, FLAME RETARDANT PER UL94V-0, COLOR BLACK. THIS PRODUCT WILL WITHSTAND EXPOSURE TO 260°C TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A .06 [1.5mm] THICK PCB.
- ④ .05/1.27 MAX HIGH FLASH.
- ⑤ .03/.76 MAX FLASH
- ⑥ FCI LOGO AND PART NO ON THIS SURFACE WHEN POSSIBLE.
- ⑦ FOR POLARIZATION, TERMINAL MAY BE REMOVED BEFORE MOLDING OR CUT OFF AFTERWARDS. MAX PROTRUSTION .010/.25 MAX BEYOND PLASTIC.
- 8. TWO SIDES OF LEAD-IN ON PINS NOT PLATED. TYP BOTH ENDS.
- 9. *GXT* Pd/Ni PLATED PRODUCT HAS GOLD FLASH.
- 10. POLARIZED SPECIAL MUST HAVE PINS CUT OFF AFTER MOLDING. FLUSH TO PLASTIC ON "A" DIM SIDE OF HEADER.
- ⑪ ADD SUFFIX LF AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- 12. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 13. THIS PRODUCT MAY HAVE 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN INTERCONNECT ENVIRONMENTS.




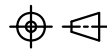
SECTION Z-Z

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no	dr	date	linear	.XX±.01/.XX±.3		projection		title		
K	?????	LWP	6-29-89		.XXX±.005/.XX±.13				SHIELDLESS RIGHT ANGLE HEADER		
L	?????	MDF	7-7-89		.XXX±.0020/.XXX±.051				product family HEADERS		
M	V03-0413	GJP	4-14-03	angles	0° ±2'		INCH/MM		code 213		
N	V05-0891	DAI	10/10/05	dr	M CLOUSER	8-17-87	scale 1:1		sheet 1 of 3		
				enrg	R FROST	8-17-87					
				chr	R FROST	8-17-87					
				appd	R FROST	8-17-87					
sheet index	revision sheet	N 1	N 2	N 3					cage code 22526		

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PRODUCT NO.	SIZE	DIM A	DIM B	DIM C	DIM D	MOLD MAT'L NOTE 3	POLARIZED NOTE 7	TERMINAL PLATING NOTE 2	POLARIZED SPECIAL NOTE 10	LF OPTION
65820-001	2x36	.230/5.84	3.500/88.90	3.615/91.82	.09/2.29	POLYESTER	NO	30u" / .76u Au	NO	
-002	2x36	.280/7.11	3.500/88.90	3.615/91.82						
-003	2x20	.230/5.84	1.900/48.26	2.015/51.18						
-004	2x20	.280/7.11	1.900/48.26	2.015/51.18						
-005	2x17	.230/5.84	1.600/40.64	1.715/43.56						
-006	2x17	.280/7.11	1.600/40.64	1.715/43.56						
-007	2x14	.230/5.84	1.300/33.02	1.415/35.94						
-008	2x14	.280/7.11	1.300/33.02	1.415/35.94						
-009	2x10	.230/5.84	.900/22.86	1.015/25.78						
-010	2x10	.280/7.11	.900/22.86	1.015/25.78						
-011	2x5	.230/5.84	.400/10.160	.515/13.08						
-012	2x5	.280/7.11	.400/10.160	.515/13.08						
-013	2x13	.230/5.84	1.200/30.48	1.315/33.40		POLYESTER	NO	30u" / .76u Au		
-014	2x13	.230/5.84	1.200/30.48	1.315/33.40		NYLON	B-13	50u" / 1.27u Au		
-015	2x13	.230/5.84	1.200/30.48	1.315/33.40		NYLON	A-1	50u" / 1.27u Au		NOTE 11
-016	2x20	.280/7.11	1.900/48.26	2.015/51.18		POLYESTER	A-4, 10, 12, 18	30u" / .76u Au		
-017	2X25	.230/5.84	2.400/60.96	2.515/63.88			NO			
-018	2X25	.280/7.11	2.400/60.96	2.515/63.88						
-019	2x12	.280/7.11	1.100/27.94	1.215/30.86						
-020	2x4	.230/5.84	.300/7.62	.415/10.54						
-021	2x4	.280/7.11	.300/7.62	.415/10.54	.09/2.29	POLYESTER	NO	30u" / .76u Au		
-022	DISCONTINUED									
-023	2x17	.230/5.84	1.600/40.64	1.715/43.56	.09/2.29	POLYESTER	B-14	15u" / .38u Au		
-024	2x8	.230/5.84	.700/17.78	.815/20.70	.09/2.29		NO	150u" / 3.81u 93/7 Sn/Pb		
-025	2x12	.280/7.11	1.100/27.94	1.215/30.86	.15/3.81		NO	30u" / .76u Au		
-026	2x8	.280/7.11	.700/17.78	.815/20.70	.09/2.29		NO	30u" / .76u Au		
-027	2x5	.230/5.84	.400/10.160	.515/13.08			B-1, 2, 3, 4, 5	30u" / .76u Au		
-028	2X5		.400/10.160	.515/13.08			NO	15u" / .38u Au		
-029	2X9		.800/20.320	.915/23.24	.09/2.29			15u" / .38u Au		
-030	2X20	.230/5.84	1.900/48.26	2.015/51.18	.15/3.81			30u" / .76u Au		
-031	2X20	.280/7.11	1.900/48.26	2.015/51.18	.09/2.29			30u" / .76u GXT P/Ni		
-032	2X10	.280/7.11	.900/22.86	1.015/25.78	.09/2.29		NO	30u" / .76u GXT P/Ni		
65820-033	2X20	.280/7.11	1.900/48.26	2.015/51.18	.09/2.29	POLYESTER	A-4, 10, 12, 18	30u" / .76u GXT P/Ni	NO	

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no	dr	date	linear	.XX±.01/.X±.3			projection	title		
N					.XXX±.005/.XX±.13				SHIELDLESS RIGHT ANGLE HEADER		
					.XXX±.0020/.XXX±.051				product family HEADERS code		
				angles	0° ±2°			 INCH/MM	size		213
				dr	M CLOUSER	8-17-87			65820		sheet
				engr	R FROST	8-17-87			A		2 of
				chr	R FROST	8-17-87		scale			
				appd	R FROST	8-17-87		1:1			
sheet index	revision sheet										

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PRODUCT NO.	SIZE	DIM A	DIM B	DIM C	DIM D	MOLD MAT'L NOTE 3	POLARIZED NOTE 7	TERMINAL PLATING NOTE 2	POLARIZED SPECIAL NOTE 10	LF OPTION
65820-034	2x9	.330/8.38	.800/20.32	.915/23.24	.14/3.56	NYLON	B-2	50u' /1.27u Au	NO	
65820-035	2x17	.280/7.11	1.600/40.64	1.715/43.56	.15/3.81	POLYESTER	NO	30u' / .76u Au	NO	NOTE 11
65820-036	2x25	.230/5.84	2.400/60.96	2.515/63.88	.09/2.3	POLYESTER		30u' / .76u Au	A-1, 2, 3 B-1, 2, 3	
65820-037	2x4	.230/5.84	.300/7.62	.415/10.54	.09/2.3	POLYESTER	NO	150u' /3.81u 93/7 Sn/Pb	NO	

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A

A

B

B

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	 www.fciconnect.com
ltr	ecn no	dr	date	linear	.XX±.01/.X±.3	projection		
N					.XXX±.005/.XX±.13			
					.XXX±.0020/.XXX±.051			INCH/MM scale 1:1
				angles	0° ±2°	product family HEADERS code size dwg no 213 A 65820 sheet 3 of		
				dr	M CLOUSER 8-17-87			
				engr	R FROST 8-17-87			
				chr	R FROST 8-17-87			
				appd	R FROST 8-17-87			
sheet index	revision sheet							

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3

4

ACAD

PDM: Rev:N

STATUS: Released

Printed: Nov 06, 2006

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22526