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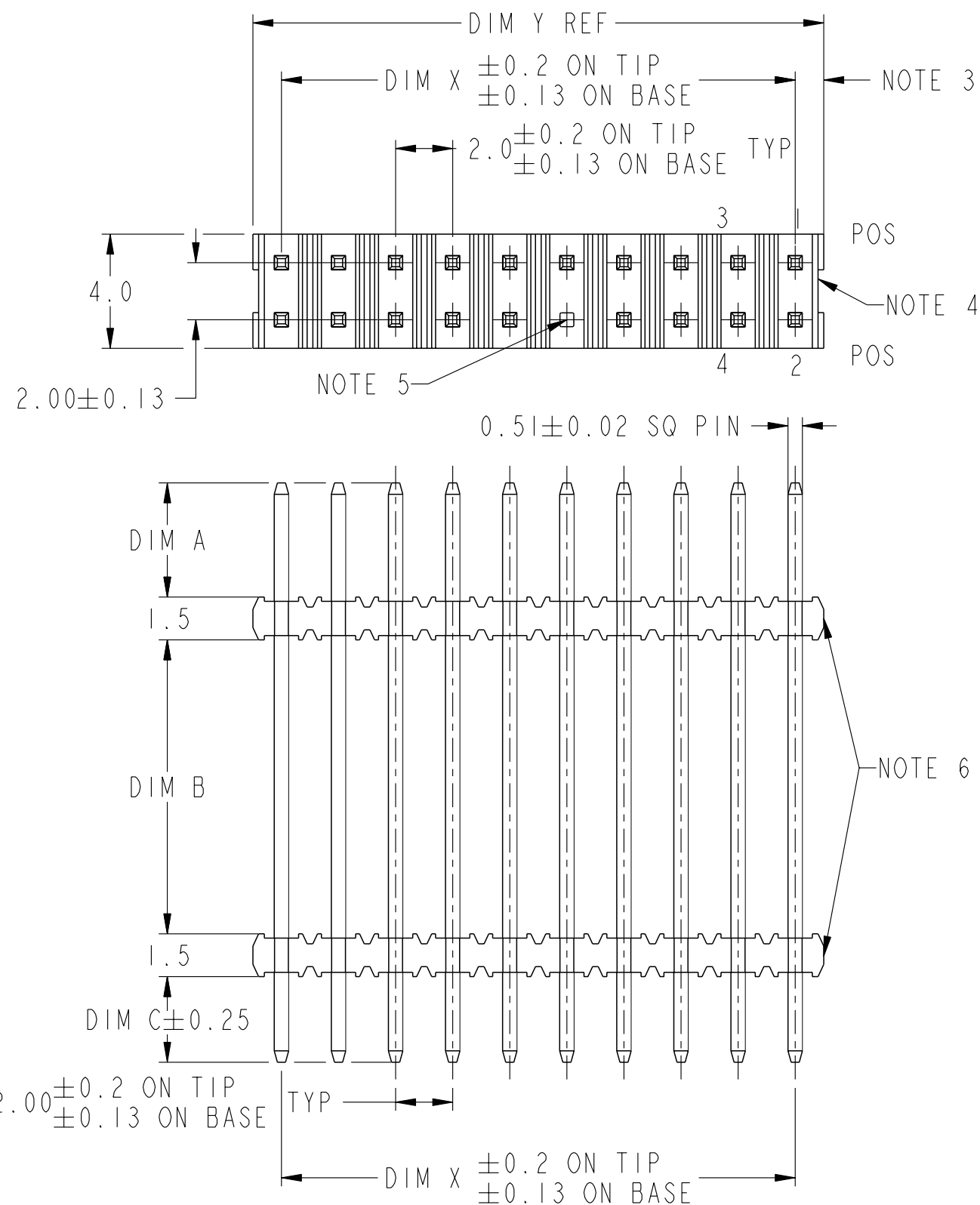
D

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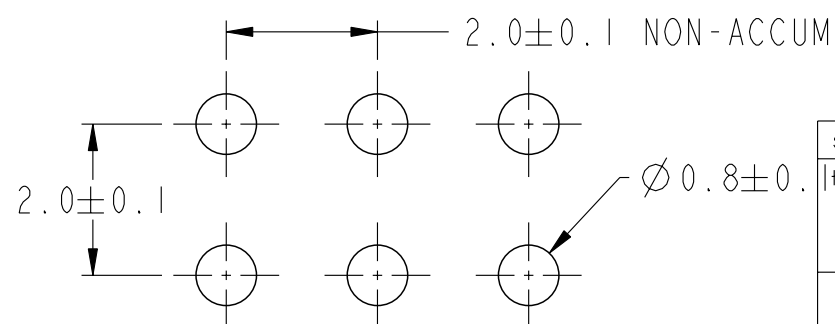
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NOTES:

- MATERIAL:
BODY : GLASS FILLED NYLON UL 94V-0 BLACK
PIN : PHOSPHOR BRONZE
- TOLERANCE UNLESS OTHERWISE NOTED ± 0.25
- DIM 1.0 ± 0.15 FOR MOLDED SIDE(S) ONLY. IF SIDE(S) ARE BROKEN, DIM 1.5 MAX APPLIES.
- RECESS APPLIES TO MOLDED SIDE(S) ONLY.
- POLARISATION BY OMISSION OF PIN. POSITION REFER TO TABLE.
- MOLDED SIDES OF HSG TO BE ON SAME END FOR STACKABILITY-APPLICABLE FOR SPECIFIC P/N.
- **MAX. PIN LENGTH POSSIBLE IS 21.0mm.
MAX. NUMBER OF POSITION IS 2 X 25.
- PRODUCT DESCRIPTION CODE:
XXXXX-XXXLF
LEAD FREE. SEE NOTES 9 & 11
EXTENSION NUMBER
BASE NUMBER
- P/N:90599-XXXLF IS SAME AS P/N:90599-XXX. THE SUFFIX 'LF' IS ADDED JUST FOR EASY LEAD FREE IDENTIFICATION.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.57MM MINIMUM THICK CIRCUIT BOARD.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.



RECOMMENDED MOUNTING HOLE LAYOUT

spec ref	-	dr	wcadmin	2010/11/01	projection	MM	size	A3	scale	5:1
tolerance std	ISO 406 ISO 1101	eng	Tim Yang	2014/12/15	chr	-	ecn no	ELX-N-19688-1	rel level	Released
surface	✓	appr	Tim Yao	2014/12/16	product family	MINITEK	rel level	Released	rev	BR
ISO 1302	linear	0.X	± -	0.XX	± 0.25	0.XXX	± -	angular	0°	± °
TOLERANCES UNLESS OTHERWISE SPECIFIED		FCI		MINITEK II		RAIL-ROAD STR HDR		cat. no.		-
www.fci.com		Product - Customer Drw		sheet 1 of 4		dwg no		90599		



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PRODUCT NO.	POS	DIM X	DIM Y	DIM A	DIM B	DIM C	PLATING	POL. POS
90599-001	2X8	14	16	4.0	10.3	3.0	0.2μm MIN Au	-
002	2X20	38	40	4.0	-	3.0	0.2μm MIN Au	-
003	2X25	48	50	4.0	5.9	3.0	0.2μm MIN Au	-
004	2X10	18	20	4.0	0.5	3.0	0.2μm MIN Au	-
005	2X25	48	50	4.0	-	3.0	0.2μm MIN Au	-
006	2X8	14	16	3.5	5.0	3.0	0.2μm MIN Au	-
007	2X10	18	20	4.0	3.0	3.0	0.2μm MIN Au	-
008	2X9	16	18	4.0	7.5	2.5	0.38μm MIN GXT	-
009	2X10	18	20	4.0	3.0	3.0	0.2μm MIN Au	10, 11
010	2X10	18	20	4.0	3.0	3.0	0.2μm MIN Au	10
011	2X4	6	8	4.0	4.5	1.5	0.2μm MIN Au	-
012	2X5	8	10	4.0	5.0	2.5	0.2μm MIN Au	-
013	2X12	22	24	8.9	9.7	2.5	0.38μm MIN GXT	-
014	2X4	6	8	4.0	4.5	2.5	0.2μm MIN Au	-
015	2X11	20	22	4.0	7.0	2.5	0.2μm MIN Au	-
016	2X8	14	16	4.0	6.5	3.0	0.2μm MIN Au	-
017	2X10	18	20	4.0	10.3	3.0	0.2μm MIN Au	-
018	2X8	14	16	4.0	7.5	2.5	0.2μm MIN Au	-
019	2X20	38	40	6.0	5.0	2.5	0.76μm MIN GXT	-
020	2X5	8	10	2.3	2.0	4.0	0.38μm MIN Au	-
021	2X14	26	28	4.0	3.0	2.3	0.38μm MIN GXT	-
022	2X14	26	28	4.0	8.0	2.3	0.38μm MIN GXT	-
023	2X17	32	34	4.0	3.0	2.3	0.38μm MIN GXT	-
024	2X17	32	34	4.0	8.0	2.3	0.38μm MIN GXT	-
025	2X4	6	8	4.0	-	2.5	0.2μm MIN Au	-

dr	wcadmin	2010/11/01	projection	MM	size	A3	scale	5:1		
eng	Tim Yang	2014/12/15			ecn no	ELX-N-19688-1				
chr	-	-			rel level	Released				
appr	Tim Yao	2014/12/16	product family		MINITEK					
		title			MINITEK II		dwg no	90599	rev	
RAIL-ROAD STR HDR										
www.fci.com		cat. no.			-	Product - Customer Drw			sheet 2 of 4	
									BR	

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PRODUCT NO.	POS	DIM X	DIM Y	DIM A	DIM B	DIM C	PLATING	POL. POS
90599-026	2X6	10	12	4.0	3.0	2.3	0.38μm MIN GXT	-
027	2X25	48	50	4.0	8.0	2.3	0.38μm MIN GXT	-
028	2X12	22	24	5.5	10.7	2.5	0.38μm MIN GXT	-
029	2X4	6	8	4.0	9.0	2.3	0.38μm MIN GXT	-
030	2X7	12	14	4.0	9.0	2.3	0.38μm MIN GXT	-
031	2X15	28	30	4.0	9.0	2.3	0.38μm MIN GXT	-
032	2X15	28	30	4.0	6.0	2.3	0.38μm MIN GXT	-
033	2X4	6	8	4.0	0.5	2.3	0.38μm MIN GXT	-
034	2X18	34	36	4.0	8.0	2.3	0.38μm MIN GXT	-
035	2X15	28	30	4.0	7.0	2.3	0.38μm MIN GXT	-
036	2X15	28	30	4.0	3.0	2.3	0.38μm MIN GXT	-
037	2X14	26	28	4.0	5.0	2.5	0.76μm MIN Au	-
038	2X22	42	44	4.2 ⁺⁰ _{-0.1}	4.5 ⁺⁰ _{-0.2}	2.8	0.76μm MIN GXT	-
039	2X22	42	44	4.2 ⁺⁰ _{-0.1}	9.5 ⁺⁰ _{-0.2}	2.8	0.76μm MIN GXT	-
040	2X22	42	44	4.2 ⁺⁰ _{-0.1}	14.5 ⁺⁰ _{-0.2}	2.8	0.76μm MIN GXT	-
041	2X4	6	8	4.0	3.5	2.5	0.38μm MIN Au	-
042	2X15	28	30	4.0	9.7	2.35	0.38μm MIN GXT	-
043	2X15	28	30	8.3	3.7	2.5	0.38μm MIN GXT	-
044	2X22	42	44	4.0	8.0	2.3	0.38μm MIN GXT	-
045	2X18	34	36	4.0	2.5	2.5	0.38μm MIN GXT	-
046	2X20	38	40	4.0	5.0	3.0	0.76μm MIN GXT	-
047	2X6	10	12	2.8	1.7 ^{+0.1} ₋₀	2.5	0.38μm MIN GXT	-
048	2X16	30	32	4.0	8.0	3.0	0.38μm MIN GXT	-
049	2X15	28	30	4.3	6.7	2.3	0.38μm MIN GXT	-
050	2X4	6	8	4.35	1.0	4.35	0.38μm MIN GXT	-

dr	w wcadmin	2010/11/01	projection	MM	size	A3	scale	5:1		
eng	Tim Yang	2014/12/15			ecn no	ELX-N-19688-1				
chr	-	-			rel level	Released				
appr	Tim Yao	2014/12/16	product family		MINITEK					
			title		MINITEK II		dwg no	90599	rev	
					RAIL-ROAD STR HDR					
www.fci.com			cat. no.		-		Product - Customer Drw		sheet 3 of 4	

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