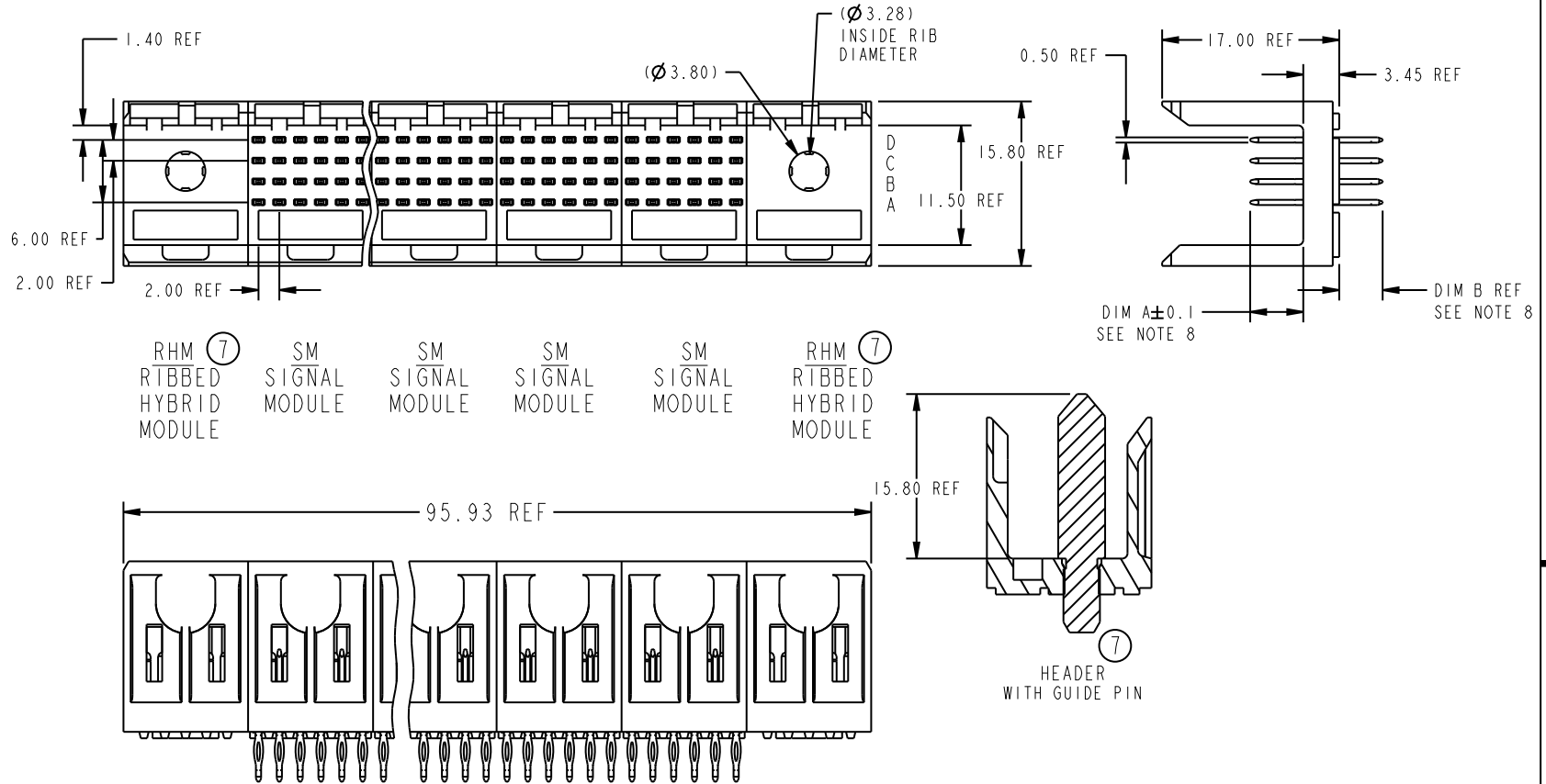


PRODUCT NUMBER
SEE TABLE

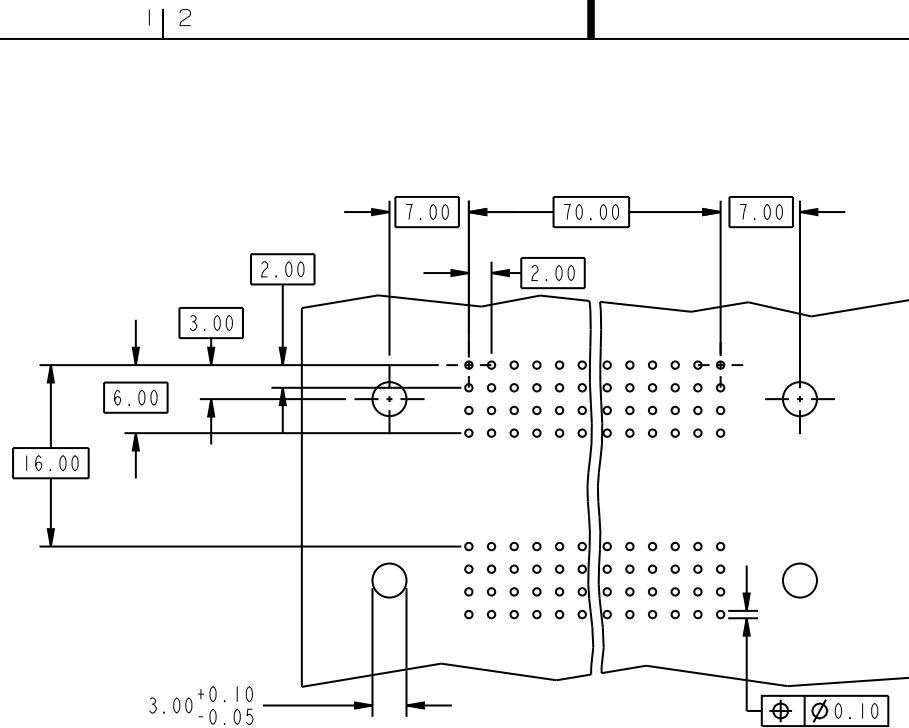


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mat'l code				tolerances unless otherwise specified				CUSTOMER		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		title		
H	DG09-0169	TER	2009-05-25		0.XX ±0.13		projection		MONOBLOCK HEADER ASSEMBLY PRESS-FIT, 4 ROW, SPECIAL		
-	-	-	-		.XXX ±.051				product family		
C	V03-0022	TAB	01/16/03	angles	0° ±2°				METRAL		
D	V03-1319	DAI	12/17/03	dr	T.BRUNGARD	12/04/01	MM		code		
E	V05-0358	VS	07/23/05	enrg	M.PERHACS	12/04/01	←		size		
F	V06-0498	DCH	2006-05-24	chr	M.PERHACS	12/04/01	→		dwg no		
G	DG09-0069	CenH	2009-03-03	appd	M.PERHACS	12/04/01	3:2		58399		
sheet		revision	H	H	H	H	scale		sheet		
index		sheet	1	2	3	4	A		1 of 4		



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REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

PRESS-FIT HOLES	DIMENSIONS
HOLE DIAMETER AFTER PLATING	0.65 - 0.80
DRILLED HOLE	0.81-0.86 (0.85 DRILL)
COPPER PLATING	0.025 MIN
TIN PLATING	0.005 - 0.015

KEY (SIGNAL PRESS-FIT)		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30


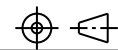

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com		
ltr	ecm no.	dr	date	linear	0.X ±0.3		COPY		projection	title				
H					0.XX ±0.13		MM			MONOBLOCK HEADER ASSEMBLY PRESS-FIT, 4 ROW, SPECIAL				
					.XXX ±.051		3:2			product family		METRAL		code
				angles	0° ±2°		scale		size		dwg no		213	
				dr	T.BRUNGARD	12/04/01			A		58399		sheet	
				enr	M.PERHACS	12/04/01							2	
				chr	M.PERHACS	12/04/01								
				appd	M.PERHACS	12/04/01								
sheet index	revision sheet													

cage code 22526

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
58399-NIYYY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
58399-N5YYY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
58399-1YYY	STANDARD	TIN LEAD	TELCORDIA CO
58399-2YYY	STANDARD	TIN LEAD	TELECOM CLASS
58399-3YYY	STANDARD	TIN LEAD	IEC CLASS I
58399-5YYY	STANDARD	TIN LEAD	TELCORDIA UE
58399-9YYY	STANDARD	TIN LEAD	TELCORDIA CO
58399-PYYY	STANDARD	TIN LEAD	CUSTOMER SPECIAL
58399-MYYY	STANDARD	TIN LEAD	CUSTOMER SPECIAL
58399-NIYYLFF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10
58399-N5YYLFF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 9 AND 10
58399-1YYLFF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 9 AND 10
58399-2YYLFF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 9 AND 10
58399-5YYLFF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 9 AND 10
58399-PYYLFF	LEAD FREE	TIN	CUSTOMER SPECIAL
58399-MYYLFF	LEAD FREE	TIN	CUSTOMER SPECIAL

NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS. FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL: PHOSPHOR BRONZE.
- PLATING ON: PRESS-FIT TAIL AREA SEE PRODUCT NUMBER TABLE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.
- PRODUCT MARKING: PART NUMBER DESIGNATION & BATCH I.D.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF
- PRODUCT SPECIFICATION: GS-12-180 APPLICATION SPECIFICATION: BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
- ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 58399-NI--- OR 58399-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 58399-NI--- AND 58399-N5--- WILL NOT WITHSTAND REFLOW AND THE Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

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ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection	
H					0.XX ±0.13	title			
					.XXX ±.051	MONOBLOCK HEADER ASSEMBLY PRESS-FIT, 4 ROW, SPECIAL			
				angles	0° ±2°				
				dr	T.BRUNGARD	12/04/01	MM		product family
				engr	M.PERHACS	12/05/01	← MM →		METRAL
				chr	M.PERHACS	12/04/01	scale		code
				appd	M.PERHACS	12/04/01	3:2		213
sheet index	revision sheet						A		sheet 3



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METRAL P/N	ROW	RHM						SM						SM						SM						SM						SM						RHM										
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
58399-X001 AND 58399-X001LF	D							-	2	2	2	2	-	2	2	2	2	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3						
	C							-	2	2	2	2	-	2	2	2	2	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
	B							-	2	2	2	2	-	2	2	2	2	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
	A							-	2	2	2	2	-	2	2	2	2	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						

A

A

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ±0.3		COPY		 projection	title	
H					0.XX ±0.13		 			MONOBLOCK HEADER ASSEMBLY	
					.XXX ±.051		 			PRESS-FIT, 4 ROW, SPECIAL	
				angles	0° ±2°		 MM		product family		
				dr	T.BRUNGARD	12/04/01	 scale 1:1		METRAL		
				engr	M.PERHACS	12/04/01	A		code		
				chr	M.PERHACS	12/04/01	58399		213		
				appd	M.PERHACS	12/04/01	4		sheet		
sheet index	revision sheet										

B

B

1 | 2

3 |

4

1 | 2

Pro/E

3 |

cage code 22526

4