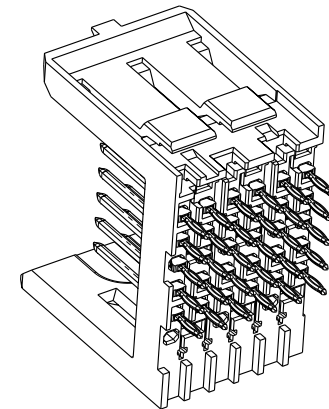
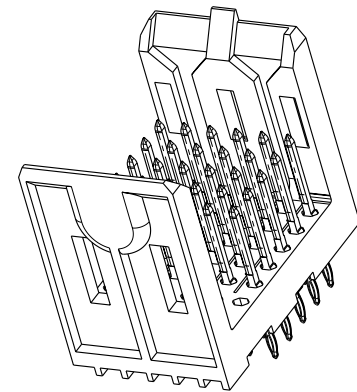
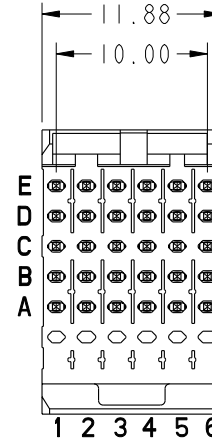
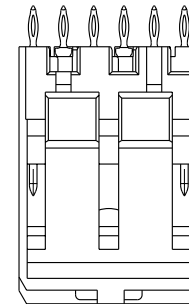
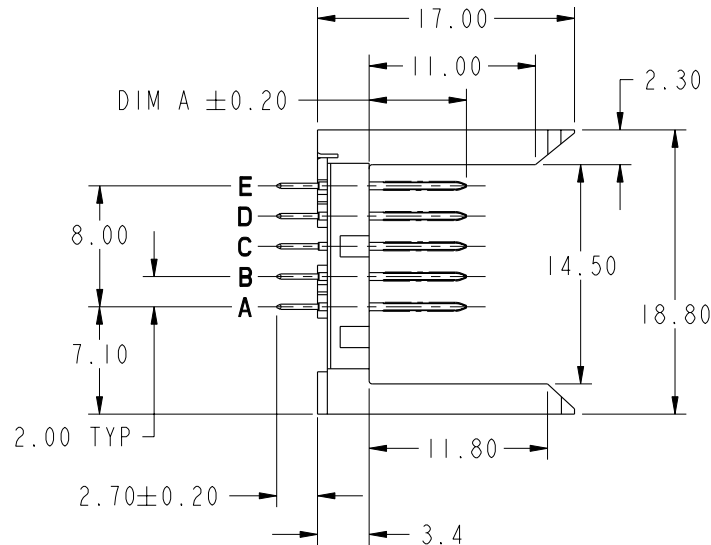

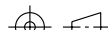



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PRODUCT NUMBER
10058360-XXXX
10058360-XXXXLF



mat'l code				--		tolerances unless otherwise specified				CUSTOMER				www.fciconnect.com				
ltr	ecn no.	dr	date	linear					COPY									
A	V05-0675	TAB	07/21/05						projection		title							
B	V06-0573	DCH	2006-06-15								METRAL HDR SELECT LOAD 1 MOD, 5 ROW, MINI PRESS-FIT, EXT							
C	V06-0868	DCH	2006-08-29	angles							product family				METRAL		code	
				dr	T. BRUNGARD	07/21/05					size		dwg no		213			
				enrg	J. VOLSTORF	07/21/05					scale		A		10058360		sheet	
				chr	J. VOLSTORF	07/21/05					2:1						1 of 4	
				appd	J. VOLSTORF	07/21/05												
sheet index		revision sheet		C	C	C	C											
				1	2	3	4											



PRODUCT NUMBER	PIN CONTACT AREAS TO RECEPTACLE	PRESS FIT PIN TO PCB
10058360-1YYY	0.8μm Au OVER Ni	SnPb OVER Ni
10058360-2YYY	2.0μm Au OVER Ni	SnPb OVER Ni
10058360-3YYY	1.3μm Au OVER Ni	SnPb OVER Ni
10058360-5YYY	1.3μm GXT OVER Ni	SnPb OVER Ni
10058360-9YYY	0.8μm GXT OVER Ni	SnPb OVER Ni
10058360-AYYY	0.8μm Au OVER Ni	0.08μm Au OVER Ni
* 10058360-1YYYLF	0.8μm Au OVER Ni	Sn OVER Ni
* 10058360-2YYYLF	2.0μm Au OVER Ni	Sn OVER Ni
* 10058360-3YYYLF	1.3μm Au OVER Ni	Sn OVER Ni
* 10058360-5YYYLF	1.3μm GXT OVER Ni	Sn OVER Ni
* 10058360-9YYYLF	0.8μm GXT OVER Ni	Sn OVER Ni

\*FOR LEAD FREE PART NUMBERS SEE NOTE 16

PRESS-FIT HOLES	OPTION 1	OPTION 2
COPPER PLATING	0.025 MIN-0.050 MAX.	0.025 MIN-0.050 MAX.
SnPb PLATING	0.005-0.015	---

**RECOMMENDED PCB HOLE PATTERN**  
(COMPONENT SIDE)  
SEE NOTE 11

DIM A	PIN CODES
5.00	1
5.75	2
6.50	3
7.25	4
8.00	*19

\* CURRENTLY NOT AVAILABLE

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
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C	-	-	-			projection		title	
								METRAL HDR SELECT LOAD	
								1 MOD, 5 ROW, MINI PRESS-FIT, EXT	
				dr	T. BRUNGARD	07/21/05	product family		METRAL
				enr	J. VOLSTORF	07/21/05	size		213
				chr	J. VOLSTORF	07/21/05	dwg no		10058360
				appd	J. VOLSTORF	07/21/05	A		sheet 2
sheet index	revision sheet								

Pro/E

**PDM: Rev:C**

3

STATUS: **Released**

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Printed: May 03, 2009



# SIGNAL PIN TABLES

PRODUCT #	ROW	COLUMN					
		1	2	3	4	5	6
10058360-X001	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
10058360-X001LF SEE NOTE 12	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2

## NOTES:


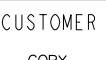
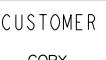

- SEE APPLICATION SPECIFICATION GS-20-014 FOR INFORMATION ON AVAILABLE TOOLING, CIRCUIT BOARD DESIGN CONSIDERATIONS, REPAIR PROCEDURES AND PRODUCT OFFERINGS.  
SEE PRODUCT SPECIFICATION GS-12-184.
- UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5, 1994
- HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, 30% GLASS FILLED, FLAME RETARDANT PER UL 94-V0.
- PIN MATERIAL: PHOSPHOR BRONZE
- PLATING INFORMATION: SEE TABLE
- DIMENSIONAL RESTRICTIONS OF PINS IN HEADERS.
  - FOR USE WITH METRAL 4000 RECEPTACLES.  
DIM A : 5.00mm MIN, 6.50mm MAX FOR ROWS A,B,D,E  
DIM A : 5.00mm MIN, 8.00mm MAX FOR ROWS C-F
  - FOR USE WITH METRAL 1000 RECEPTACLES/  
DIM A : 5.00mm MIN, 8.00mm MAX FOR ROWS A,B,C,D,E
- THE MIN PCB THICKNESS FOR FRONT PLUG-UP APPLICATIONS IS 1.6mm.
- THE 'CONNECTOR OUTLINE' IS THE MIN OUTLINE REQUIRED. TO DETERMINE THE OUTLINE NECESSARY TO PERMIT THE VARIOUS TYPES OF REPAIR OPERATIONS, SEE APPLICATION SPECIFICATION GS-20-010.
- CURRENT RATING : 1 AMP PER PIN
- TEMPERATURE RANGE : -55°C TO +105°C

11. P/N 10058360-X YYY



12. THE PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260C° FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

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ltr	ecr no.		dr	date	linear					COPY														
C	-		-	-						title														
										METRAL HDR SELECT LOAD														
					angles									1 MOD, 5 ROW, MINI PRESS-FIT, EX										
					dr	T. BRUNGARD	07/21/05						product family				METRAL				code			
					enr	J. VOLSTORF	07/21/05						size				dwg no				213			
					chr	J. VOLSTORF	07/21/05						scale				A				10058360			
					appd	J. VOLSTORF	07/21/05		2:1												3			
sheet index		revision sheet																						

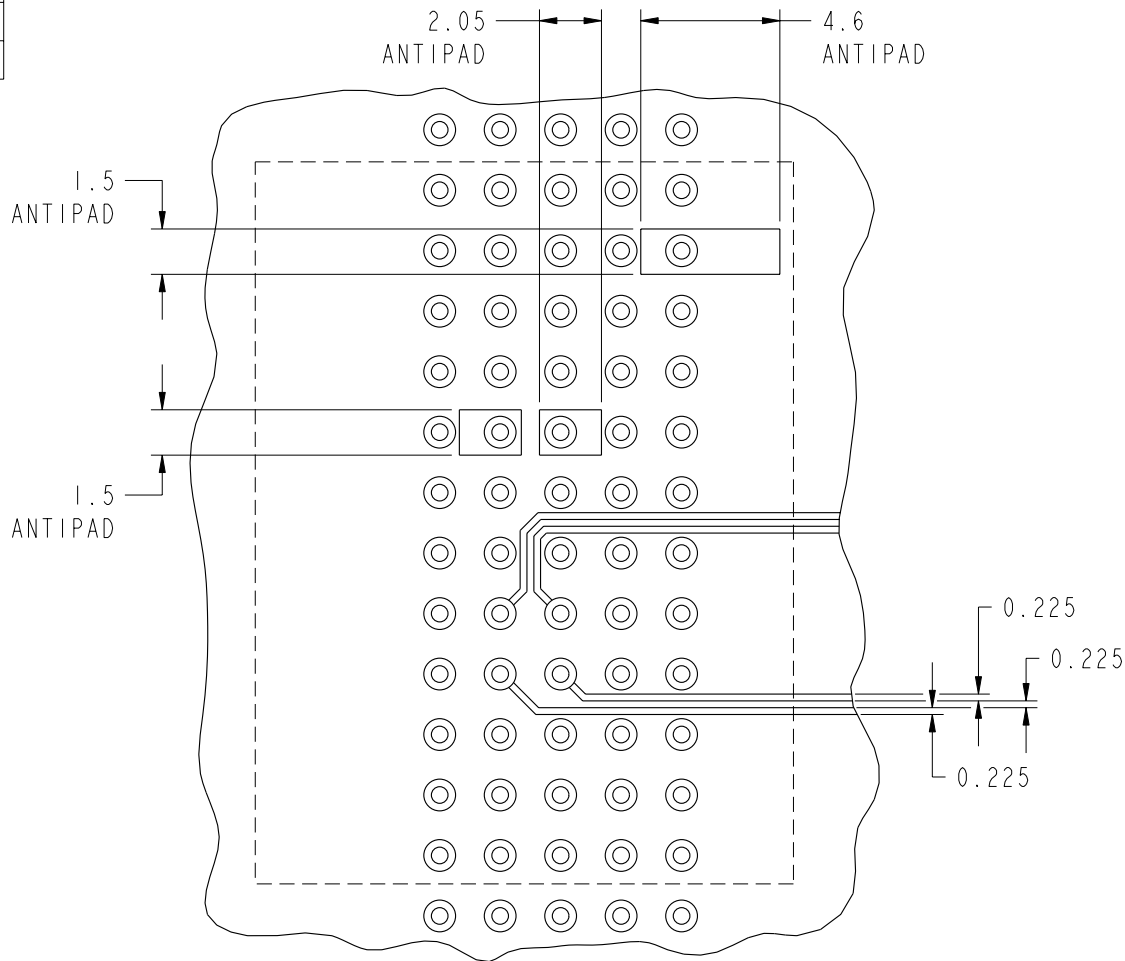
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PDM: Rev:C

STATUS: Released Printed: May 03, 2009

PRODUCT NUMBER
10058360-XXXX
10058360-XXXXLF



RECOMMENDED TRACK AND ANTIPAD DIMENSIONS  
SCALE 4:1

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ltr	ecn no.	dr	date	linear		COPY		<div>projection</div> <div></div>																		
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				angles				<div>title</div> <div>METRAL HDR SELECT LOAD</div> <div>1 MOD, 5 ROW, MINI PRESS-FIT, EXT</div>																		
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				appd	J. VOLSTORF	07/21/05	2:1								4											
sheet index		revision sheet																								

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