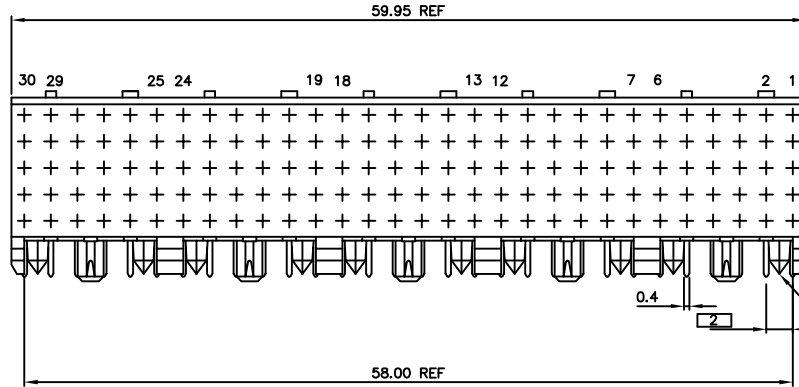


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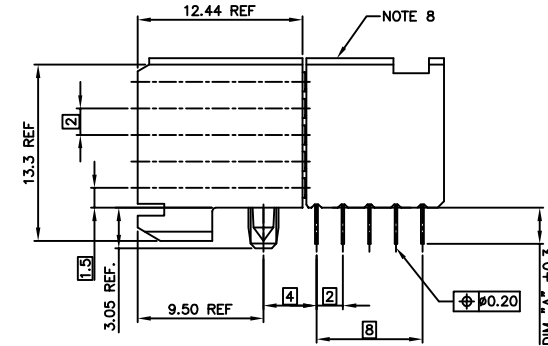


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PRODUCT NUMBER	ASSY. STYLE	BOARD ATTACHMENT	TAIL TERMINATION	TAIL LGTH. DIM "A"	PCB THICKNESS	NOTES
SEE TABLE SH. 3	1	PRESS-PEG	SOLDER-TO-BOARD	2.90mm	1.6mm	NOTE 7
	1	PRESS-PEG	SOLDER-TO-BOARD	3.53mm	2.4mm	NOTE 7
	2	HEAT-STAKE	SOLDER-TO-BOARD	2.90mm	1.6mm	
	2	HEAT-STAKE	SOLDER-TO-BOARD	3.53mm	2.4mm	
	3	PRESS-PEG	PRESS-FIT	2.90mm	1.6mm	NOTE 7
	3	PRESS-PEG	PRESS-FIT	3.53mm	2.4mm	NOTE 7



NOTE 7



ASSY. STYLE 1

NOTES:

- ①. CONNECTOR MATERIALS:
HOUSING: LCP, 30% GLASS FILLED, UL 94-V0 COMPLIANT
TERMINAL: PHOSPHOR BRONZE ALLOY
2. PLATING ON TAIL:
PRESS-FIT TYPE
73952-YYY IS 0.5-1.5um SnPb
73952-YYLF IS 0.5-1.5um Sn (LEAD FREE)
SOLDER-TO-BOARD TYPE
73952-YYY IS 2-8um SnPb
73952-YYLF IS 2-8um Sn (LEAD FREE)
3. PRODUCT SPECIFICATION:
GS-12-002
4. APPLICATION SPECIFICATIONS:
BUS-20-061
GS-20-001
TA-941
- ⑤. PRODUCT MARKING: (PART NUMBER & LOT CODE).
- ⑥. INDICATED HOLES ARE UNPLATED.
- ⑦. LOCATION PEG FEATURES MAY NOT BE AVAILABLE AS SHOWN FOR ASSYS W/ PRESS PEGS.
- ⑧. TOP SURFACE OF PRESS BLOCK MAY EXTEND UP TO 0.4MM HIGHER THAN HOUSING. THIS MAY AFFECT THE TAIL LENGTH BEFORE APPLICATION TO A BOARD.

- ⑨. DIMENSION APPLIES TO BOTH PRESS-FIT AND SOLDER TAIL TERMINATIONS.
10. THESE PRODUCTS WHERE THE PART NUMBER ENDS IN "LF" MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS MANUFACTURED BEFORE APRIL 2006 WILL WITHSTAND EXPOSURE TO 240°C FOR 60 SECONDS IN A CONVECTION, INFAR-RED OR VAPOR PHASE REFLOW OVEN.

ALL PRODUCTS MANUFACTURED AFTER MARCH 2006 WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFAR-RED OR VAPOR PHASE REFLOW OVEN.
- ⑪. FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX. EXAMPLE: 73952-YYYYLF.

mat'l. code SEE NOTES				tolerances unless otherwise specified				CUSTOMER COPY		FCI www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ±.3	projection			title 5 ROW R/A HYBRID RECEPTACLE - 60MM		
J	V01991	JWS	8/15/00		.XX ±.10						
K	V03-0722	LP	8/21/03	angles	0° ±2'						
L	V05-1012	JRV	11/3/05	dr	M.FETROW 6/25/97	MM	product family METRAL (tm)		code		
M	DC08-0171	TER	9/06/08	enr	C.PENDLETON 6/25/97	scale	size dwg no		213		
				chr	C.PENDLETON 6/25/97	1:1	A 73952		sheet		
				appd	C.PENDLETON 6/25/97				1 of 3		
sheet index	revision sheet	M	M	M							
		1	2	3							

cage code 22526

ACAD

PDM: Rev:M

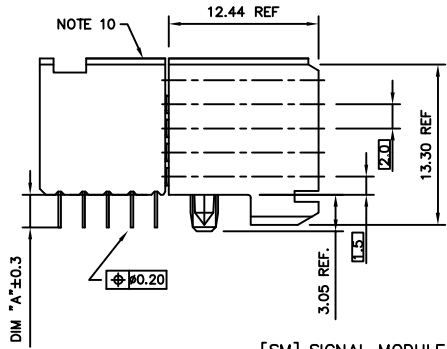
STATUS: Released

Printed: Nov 16, 2008

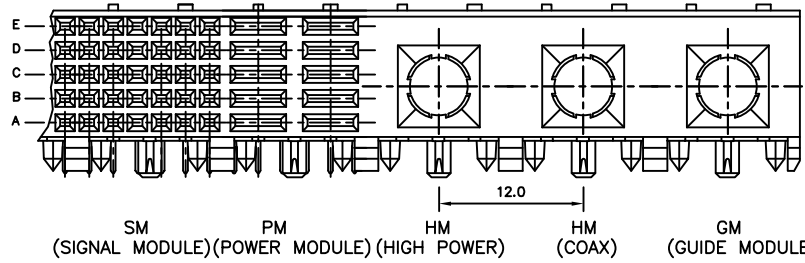
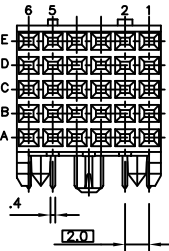
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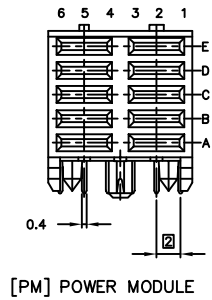
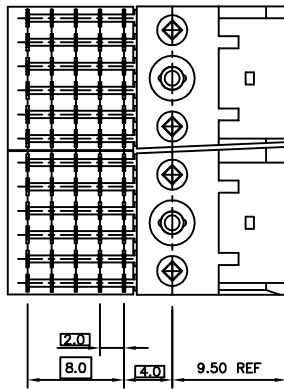
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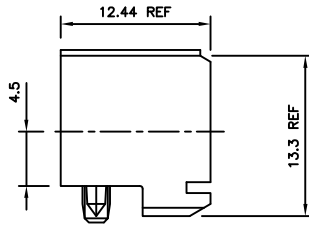
[SM] SIGNAL MODULE



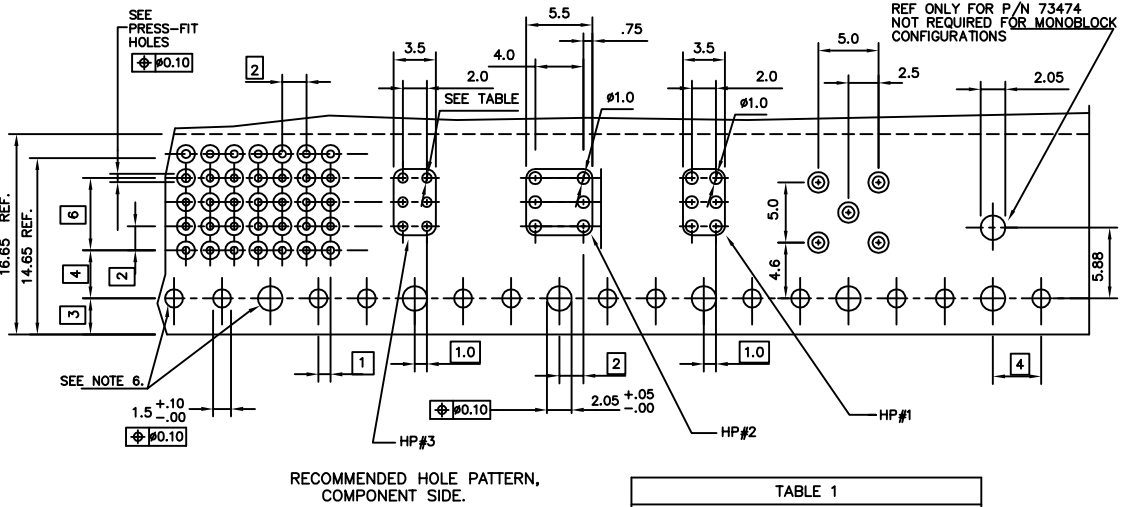
FOR ILLUSTRATION PURPOSES



[PM] POWER MODULE



[HM] HYBRID MODULE



RECOMMENDED HOLE PATTERN, COMPONENT SIDE.

TABLE 1 PLATED THRU HOLE REQUIREMENTS	
HOLE DIAMETER AFTER PLATING	0.65-0.80
DRILLED HOLE	0.81-0.86 (0.85 DRILL)
COPPER PLATING	0.025 - 0.05
SnPb PLATING	0.005-0.015

SEE DRAWING 58351 FOR OTHER OPTIONS

PRODUCT NR:	PLATING CONTACT AREA:	UNDERPLATING
73952-1YYY	0.8 μ m GOLD	1.3 μ m Ni MIN.
73952-2YYY	2 μ m GOLD	1.3 μ m Ni MIN.
73952-9YYY	0.8 μ m GXT	1.3 μ m Ni MIN.
73952-1YYL	0.8 μ m GOLD	1.3 μ m Ni MIN.
73952-2YYL	2 μ m GOLD	1.3 μ m Ni MIN.
73952-9YYL	0.8 μ m GXT	1.3 μ m Ni MIN.

mat'l. code SEE NOTES				tolerances unless otherwise specified			CUSTOMER COPY		FCI www.fciconnect.com			
ltr	ecn no	dr	date	linear	.X \pm .3	projection			title 5 ROW R/A HYBRID RECEPTACLE - 60MM			
M					.XX \pm .10						product family METRAL (tm) code size dwg no 213	
				angles	.XXX \pm .050							
				dr	M.FETROW 6/25/97	MM	A 73952		cage code 22526			
				enrg	C.PENDLETON 6/25/97							
				chr	C.PENDLETON 6/25/97							
				appd	C.PENDLETON 6/25/97							
sheet index	revision sheet											

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PRODUCT NO	ASS'Y TYPE	TAIL LENGTH	ROW	1 2					3					4																																											
				30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																								
73952-X001 SEE NOTE 11 FOR LEAD FREE OPTIONS	1	3.53	E																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			D																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			C																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			B																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			A																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MODULE TYPE			HM	SM					SM					SM																																											
73952-X002 SEE NOTE 11 FOR LEAD FREE OPTIONS	1	3.53	E																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			D																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			C																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			B																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			A																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MODULE TYPE			GM	SM					SM					SM																																											
73952-X003 SEE NOTE 11 FOR LEAD FREE OPTIONS	3	3.53	E																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			D																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			C																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			B																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			A																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MODULE TYPE			HM	SM					SM					SM																																											
73952-X004 SEE NOTE 11 FOR LEAD FREE OPTIONS	1	3.53	E	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																														
			D	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																														
			C	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																														
			B	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																														
			A	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																														
MODULE TYPE			SM	SM					SM					SM					GM																																						
73952-X005 SEE NOTE 11 FOR LEAD FREE OPTIONS	1	3.53	E																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
			D																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
			C																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
			B																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
			A																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
MODULE TYPE			GM	SM					SM					SM					GM																																						

LOAD PATTERN	
X	LOADED
-	NOT LOADED
HP#1	PWR. CONN. LOADED
HP#3	PWR. CONN. LOADED

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ltr	ecn no	dr	date	linear	.X ±.3		projection			title 5 ROW R/A HYBRID RECEPTACLE - 60MM	
M					.XX ±.10						
				angles	.XXX ±.050		MM			product family METRAL (tm) code size dwg no 213	
					0° ±2'						
				dr	M.FETROW	6/25/97	scale	1:1		A 73952 sheet 3 of -	
				enr	C.PENDLETON	6/25/97					
				chr	C.PENDLETON	6/25/97					
				appd	C.PENDLETON	6/25/97					
sheet index	revision sheet										