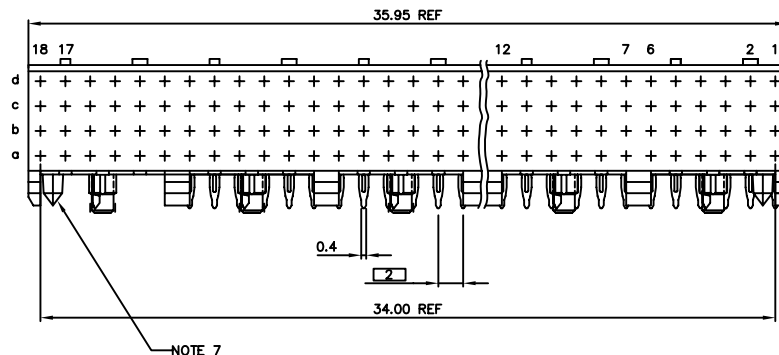
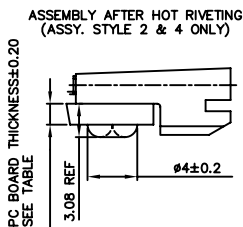
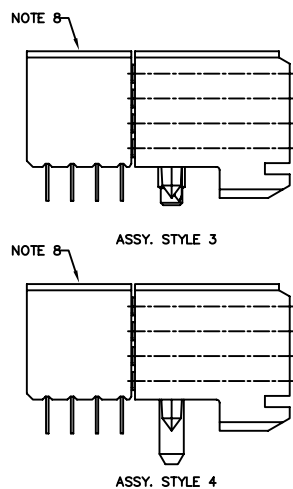
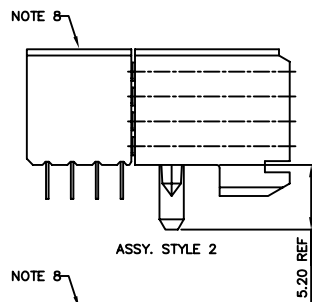
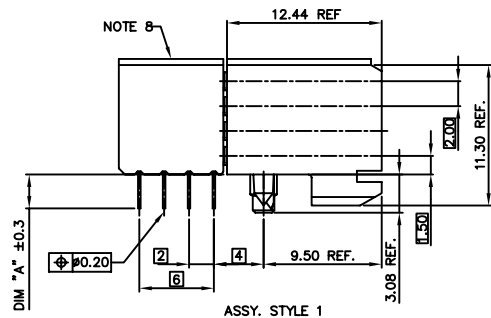


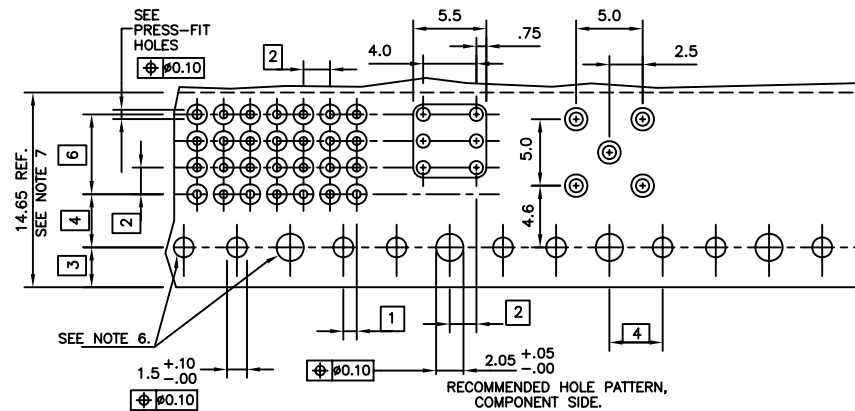
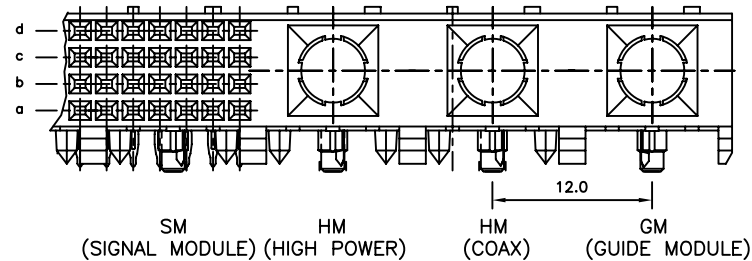
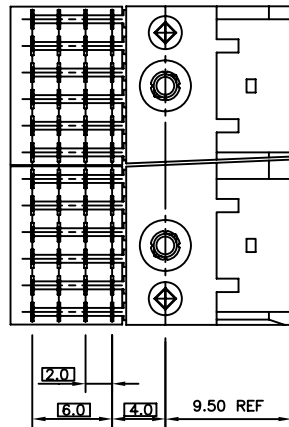
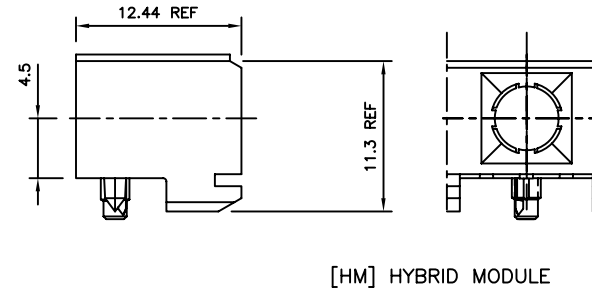
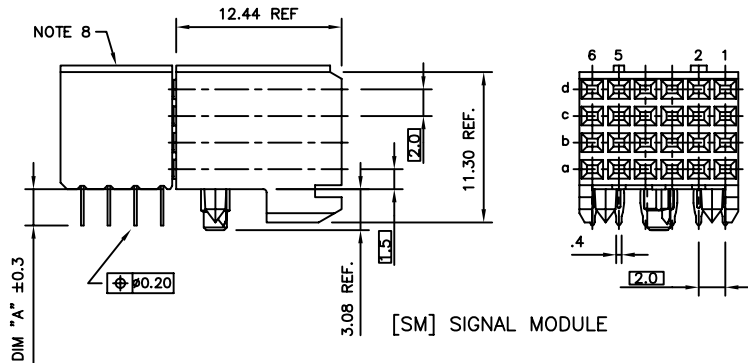


PRODUCT NUMBER	ASSY. STYLE	BOARD ATTACHMENT	TAIL TERMINATION	TAIL LGTH. DIM "A"	PCB THICKNESS	NOTES
SEE TABLE SH. 3	1	PRESS-PEG	PRESS-FIT	2.73mm	2.57mm MAX.	NOTE 9
	1	PRESS-PEG	PRESS-FIT	3.53mm		NOTE 9
	2	HEAT-STAKE	PRESS-FIT	2.73mm		
	2	HEAT-STAKE	PRESS-FIT	3.53mm		
	3	PRESS-PEG	SOLDER-TO-BOARD	2.73mm		NOTE 9
	3	PRESS-PEG	SOLDER-TO-BOARD	3.53mm		NOTE 9
	4	HEAT STAKE	SOLDER-TO-BOARD	2.73mm		
	4	HEAT STAKE	SOLDER-TO-BOARD	3.53mm		

PRODUCT NR:	PLATING CONTACT AREA:	UNDERPLATING
70480-1YYY	0.8 μm GOLD	1.3 μm Ni MIN.
70480-2YYY	2 μm GOLD	1.3 μm Ni MIN.
70480-9YYY	0.8 μm GXT	1.3 μm Ni MIN.
70480-1YYYLF	0.8 μm GOLD	1.3 μm Ni MIN.
70480-2YYYLF	2 μm GOLD	1.3 μm Ni MIN.
70480-9YYYLF	0.8 μm GXT	1.3 μm Ni MIN.



mat'l. code SEE NOTES				tolerances unless otherwise specified		CUSTOMER COPY	Electronics FCI www.fciconnect.com		
ltr	ecn no	dr	date	linear	angles		title	product family	code
A	V70726	MDF	4/21/97			projection	R/A SIGNAL HYBRID RECEPTACLE-36MM	METRAL (tm)	213
B	V81259	MDF	6/24/98						
C	V91443	MDF	7/13/99						
D	V01598	JWS	7/12/00	dr	M. FETROW	3/25/97			
E	V10941	JWS	2/28/01	enqr	C. PENDLETON	3/25/97			
F	V03-0721	DAI	08/18/03	chr	C. PENDLETON	3/25/97			
G	V05-1033	JRV	11/15/05	appd	C. PENDLETON	3/25/97			
sheet index	revision sheet	G	G	G			scale 1:1	A	70480
		1	2	3					1 of 3



FOR ILLUSTRATION PURPOSES

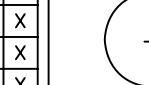
TABLE 1	
PLATED THRU HOLE REQUIREMENTS	
HOLE DIAMETER AFTER PLATING	0.65-0.80
DRILLED HOLE	0.81-0.86 (0.85 DRILL)
COPPER PLATING	0.025 - 0.05
SnPb PLATING	0.005-0.015

SEE DRAWING 58351 FOR OTHER OPTIONS

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	Electronics www.fciconnect.com
ltr	ecn no	dr	date	linear	.X±.3		
G					.XX±.13	projection	title
				angles	.XXX±.051		R/A SIGNAL HYBRID RECEPTACLE-36MM
				dr	M. FETROW 3/25/97	MM	product family METRAL (tm)
				enr	C. PENDLETON 3/25/97	scale	code
				chr	C. PENDLETON 3/25/97	1:1	213
				appd	C. PENDLETON 3/25/97		sheet
sheet index	revision sheet						2 of

cage code
22526



PRODUCT NO	ASSY STYLE	DIM "A"	ROW	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
70480-X001 *	1 NOTE 9	2.73	D		X			X		X	X	X	X	X	X	X	X	X	X	X	X
		2.73	C		X			X		X	X	X	X	X	X	X	X	X	X	X	X
		2.73	B		X			X		X	X	X	X	X	X	X	X	X	X	X	X
		2.73	A		X			X		X	X	X	X	X	X	X	X	X	X	X	X
		MODULE TYPE			PM					SM					SM						
70480-X002 *	3 NOTE 9	2.73	D	X	X	X	X	X	X	X	X	X	X	X	X						
		2.73	C	X	X	X	X	X	X	X	X	X	X	X	X						
		2.73	B	X	X	X	X	X	X	X	X	X	X	X	X						
		2.73	A	X	X	X	X	X	X	X	X	X	X	X	X						
		MODULE TYPE			SM					SM					GM						

* SEE NOTE 11 FOR LEAD FREE OPTIONS

NOTES:

- CONNECTOR MATERIALS:
HOUSING: LCP, 30% GLASS FILLED, UL 94-V0 COMPLIANT
TERMINAL: PHOSPHOR BRONZE ALLOY
- PLATING ON TAIL:
PRESS-FIT TYPE
70480-XYX IS 0.5-1.5um SnPb
70480-XYLF IS 0.5-1.5um Sn (LEAD FREE)
SOLDER-TO-BOARD TYPE
70480-XYX IS 2-8um SnPb
70480-XYLF IS 2-8um Sn (LEAD FREE)
- PRODUCT SPECIFICATION:
GS-12-002
- APPLICATION SPECIFICATIONS:
BUS-20-060
GS-20-001
TA-941
- PRODUCT MARKING: (PART NUMBER & LOT CODE).
- INDICATED HOLES ARE UNPLATED.
- LOCATION PEG FEATURES MAY NOT BE AVAILABLE AS SHOWN FOR ASSYS W/ PRESS PEGS.
- 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.
- DIMENSION APPLIES TO BOTH PRESS-FIT AND SOLDER TAIL TERMINATIONS.
- 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 SEPTEMBER 2005 WILL WITHSTAND EXPOSURE TO 240°C FOR 60 SECONDS IN A CONVECTION, INFAR-RED OR VAPOR PHASE REFLOW OVEN.

ALL PRODUCTS MANUFACTURED AFTER AUGUST 2005 WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFAR-RED OR VAPOR PHASE REFLOW OVEN.
- FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX. EXAMPLE: 70480-XYXLF.

LOAD PATTERN	
X	LOADED
—	NOT LOADED

mat'l. code —				tolerances unless otherwise specified				CUSTOMER COPY		 Electronics FCI www.fciconnect.com					
ltr	ecn no	dr	date	linear	.X±.3				projection 	title					
G					.XX±.13					R/A SIGNAL HYBRID RECEPTACLE—36MM					
					.XXX±.051										
				angles	0° ±2°					product family METRAL (tm)				code	
				dr	M. FETROW	3/25/97				size	dwg no	A	70480	213	
				engr	C. PENDLETON	3/25/97									scale
				chr	C. PENDLETON	3/25/97									
				appd	C. PENDLETON	3/25/97							sheet 3 of		
sheet index	revision sheet														