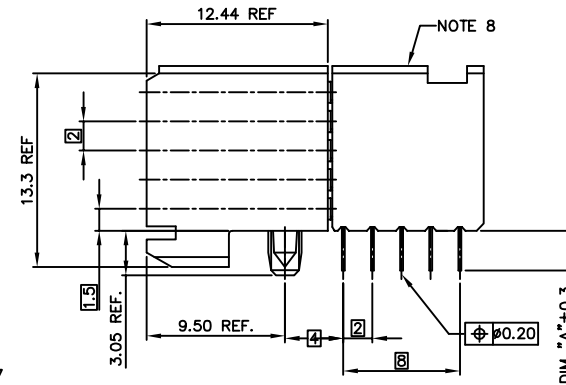
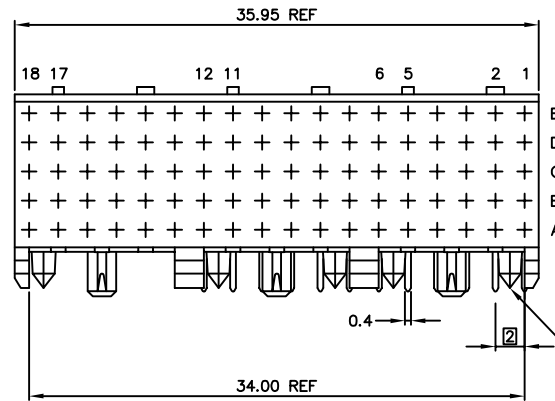




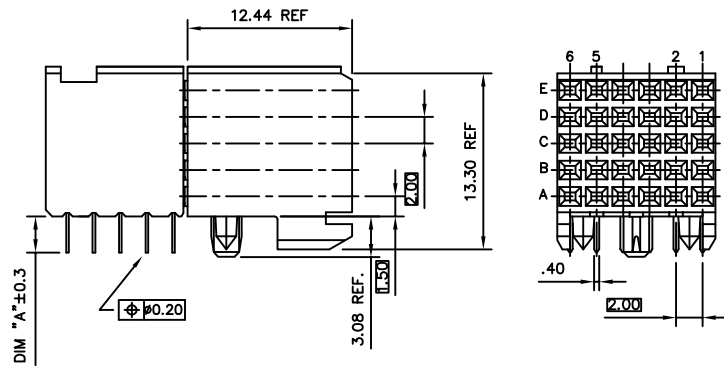
PRODUCT NUMBER	ASSY. STYLE	BOARD ATTACHMENT	TAIL TERMINATION	TAIL LGTH. DIM "A"	PCB THICKNESS	NOTES
SEE TABLE SH. 3	1	PRESS-PEG	SOLDER-TO-BOARD	2.90mm	1.6mm	NOTE 7
	1	PRESS-PEG	SOLDER-TO-BOARD	3.53mm	2.4mm	NOTE 7
	2	HEAT-STAKE	SOLDER-TO-BOARD	2.90mm	1.6mm	
	2	HEAT-STAKE	SOLDER-TO-BOARD	3.53mm	2.4mm	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

PRODUCT NR:	PLATING CONTACT AREA:	UNDERPLATING
73950-1YYY	0.8 μ m GOLD	1.3 μ m Ni MIN.
73950-2YYY	2 μ m GOLD	1.3 μ m Ni MIN.
73950-9YYY	0.8 μ m GXT	1.3 μ m Ni MIN.
73950-1YYLF	0.8 μ m GOLD	1.3 μ m Ni MIN.
73950-2YYLF	2 μ m GOLD	1.3 μ m Ni MIN.
73950-9YYLF	0.8 μ m GXT	1.3 μ m Ni MIN.

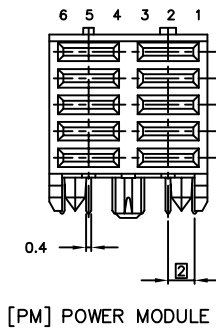
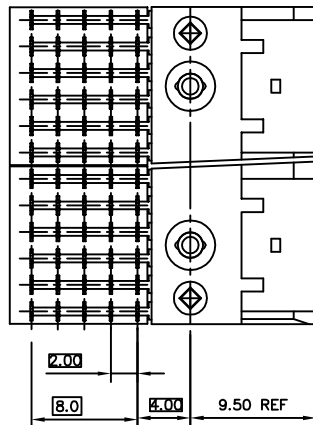


ASSY. STYLE 1

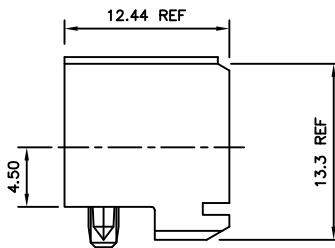
mat'l. code SEE NOTES				tolerances unless otherwise specified		CUSTOMER COPY	FCI www.fciconnect.com			
ltr	ecn no	dr	date	linear	.X $\pm$.3	projection	title R/A SIGNAL HYBRID RECEPTACLE - 36MM			
F	V11694	LSS	6/15/01		.XX $\pm$.10					
G	V03-0540	LP	5/14/03		.XXX $\pm$.050		product family METRAL (tm)			
H	V03-0722	LP	8/21/03	angles	0° $\pm$ 2°					
J	V05-1012	JRV	11/3/05	dr	M.FETROW 7/2/97	MM	size dwg no A 73950			
K	DG08-0171	TER	9/6/08	enr	C.PENDLETON 7/2/97	scale 1:1				
				chr	C.PENDLETON 7/2/97		code 213			
				appd	C.PENDLETON 7/2/97					
sheet index	revision sheet	K	K	K			cage code 22526			
		1	2	3						



[SM] SIGNAL MODULE



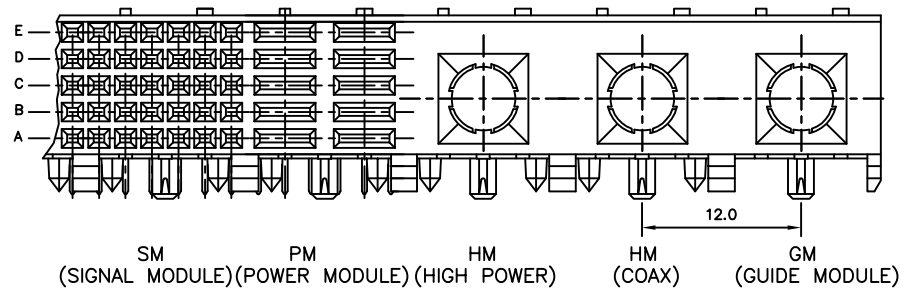
[PM] POWER MODULE



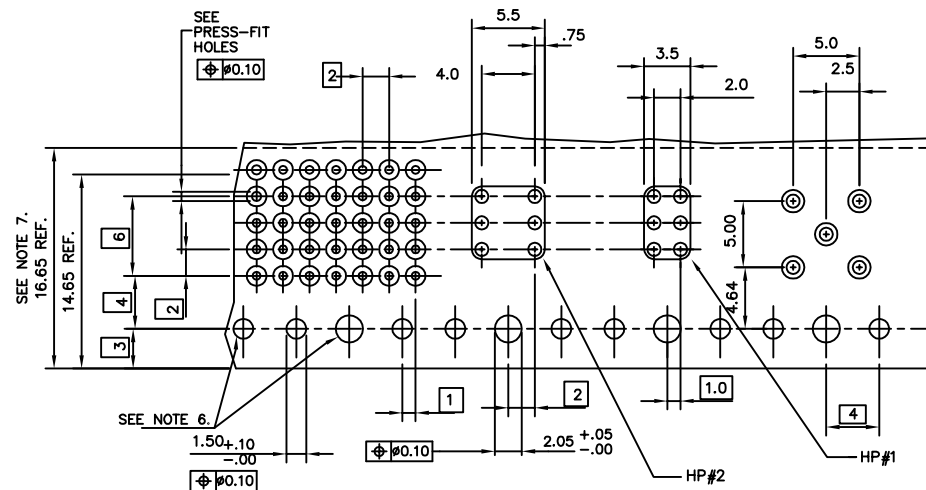
[HM] HYBRID MODULE

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



FOR ILLUSTRATION PURPOSES



RECOMMENDED HOLE PATTERN,
COMPONENT SIDE.

mat'l. code SEE NOTES				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.XX ±.3 .XXX ±.050 0° ±2°	projection	title	www.fciconnect.com	
K				angles		MM	R/A SIGNAL HYBRID RECEPTACLE - 36MM		
				dr	M.FETROW 7/2/97	scale	product family METRAL (tm)	code	213
				enrg	C.PENDLETON 7/2/97	1:1	size dwg no	sheet	2 of -
				chr	C.PENDLETON 7/2/97		A	73950	
				appd	C.PENDLETON 7/2/97				
sheet index	revision sheet								

cage code
22526



PRODUCT NO	ASS'Y TYPE	TAIL LENGTH	ROW	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1				
73950-X001 SEE NOTE 11 FOR LEAD FREE OPTIONS	1	3.53	E																						
			D																						
			C																						
			B																						
			A																						
MODULE TYPE				HM						PM						PM.									
73950-X002 SEE NOTE 11 FOR LEAD FREE OPTIONS	1	3.53	E																						
			D																						
			C																						
			B																						
			A																						
MODULE TYPE				PM						SM						SM									
73950-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				
			D	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				
			B	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				
MODULE TYPE				SM						SM						SM									
73950-X004 SEE NOTE 11 FOR LEAD FREE OPTIONS	3	2.90	E	-	X	-	X	-	X	X	X	X	X	X	X	-	X	-	X	-	X				
			D	-	-	-	-	-	-	X	X	X	X	X	X	-	-	-	-	-	-				
			C	-	X	-	X	-	X	X	X	X	X	X	X	-	X	-	X	-	X				
			B	-	-	-	-	-	-	X	X	X	X	X	X	-	-	-	-	-	-				
			A	-	X	-	X	-	X	X	X	X	X	X	X	-	X	-	X	-	X				
MODULE TYPE				SM						SM						SM									
73950-X005 SEE NOTE 11 FOR LEAD FREE OPTIONS	3	2.90	E	X		X		X																	
			D	X		X		X														X		X	
			C	X		X		X														X		X	
			B	X		X		X														X		X	
			A	X		X		X														X		X	
MODULE TYPE				PM						HM						PM.									
73950-X006 SEE NOTE 11 FOR LEAD FREE OPTIONS	3	2.90	E	X		X		X		X	X	X	X	X	X	X		X		X					
			D	X		X		X		X	X	X	X	X	X		X		X						
			C	X		X		X		X	X	X	X	X	X		X		X						
			B	X		X		X		X	X	X	X	X	X		X		X						
			A	X		X		X		X	X	X	X	X	X		X		X						
MODULE TYPE				PM						SM						PM									

NOTES:

- CONNECTOR MATERIALS:
HOUSING: LCP, 30% GLASS FILLED,
UL 94-V0 COMPLIANT
TERMINAL: PHOSPHOR BRONZE ALLOY
- PLATING ON TAIL:
PRESS-FIT TYPE
73950-XYX IS 0.5-1.5um SnPb
73950-XYLF IS 0.5-1.5um Sn (LEAD FREE)
SOLDER-TO-BOARD TYPE
73950-XYX IS 2-8um SnPb
73950-XYLF IS 2-8um Sn (LEAD FREE)
- PRODUCT SPECIFICATION:
GS-12-002
- APPLICATION SPECIFICATIONS:
BUS-20-061
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 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.
- FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX. EXAMPLE: 73950-XYXYLF.

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

mat'l. code SEE NOTES				tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com			
ltr	ecn no	dr	date	linear	.XX ±.10 .XXX ±.050 0° ±2°	projection		title R/A SIGNAL HYBRID RECEPTACLE - 36MM			
K				angles		MM		product family METRAL (tm)			
				dr	M.FETROW 7/2/97	scale	1:1	size dwg no			
				enrg	C.PENDLETON 7/2/97			code			
				chr	C.PENDLETON 7/2/97			sheet			
				appd	C.PENDLETON 7/2/97			3 of -			
sheet	revision										
index	sheet										

cage code
22526