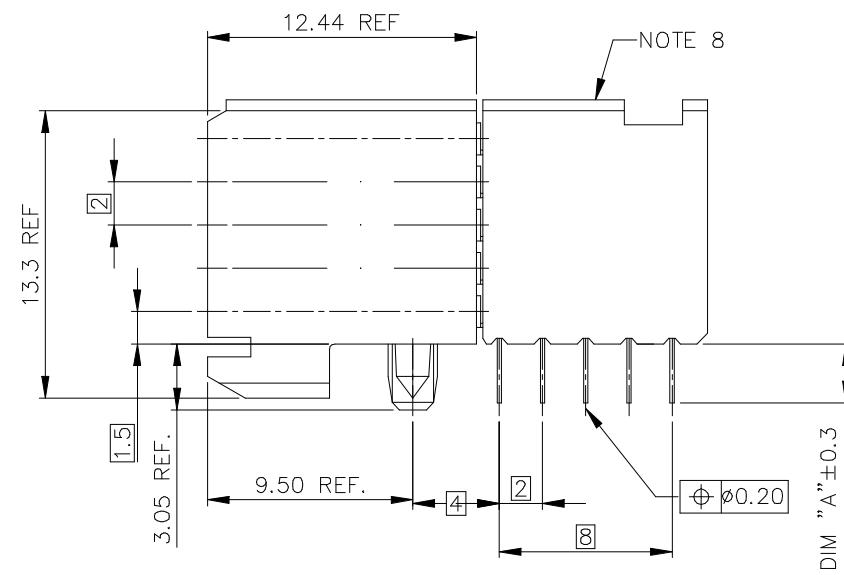
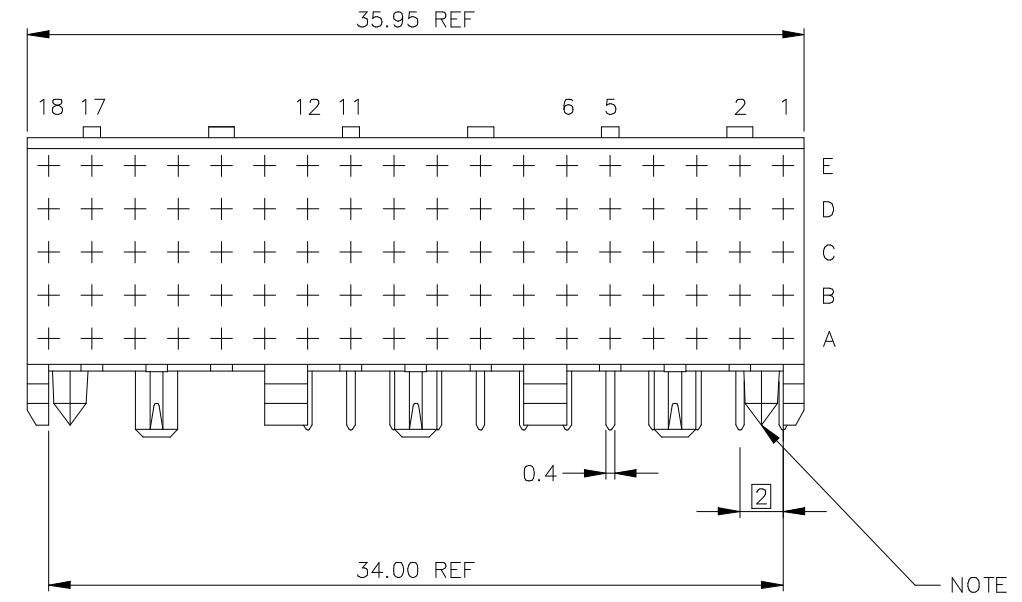
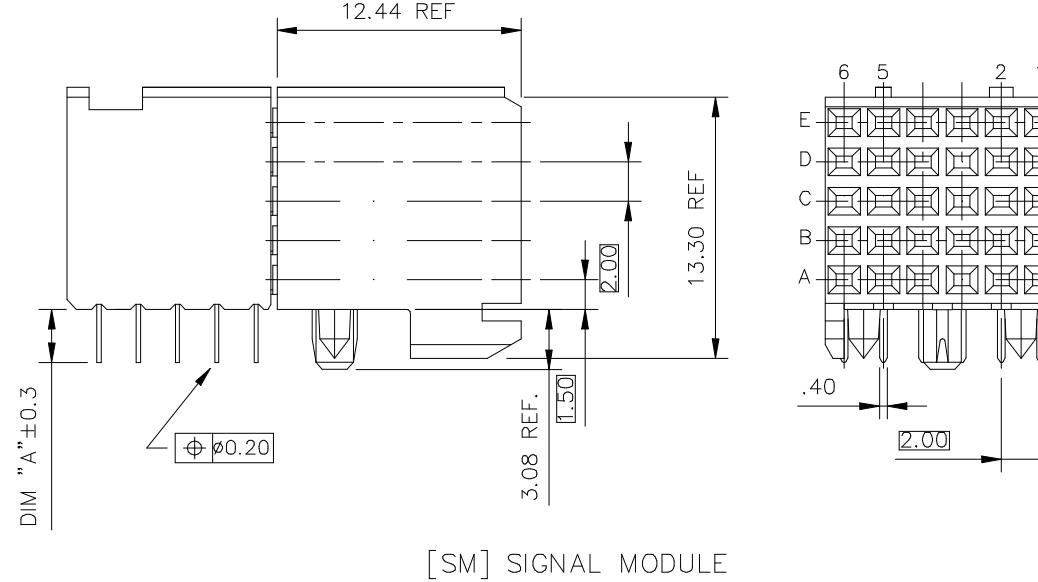


PRODUCT NUMBER	ASSY. STYLE	BOARD ATTACHMENT	TAIL TERMINATION	TAIL LGTH. DIM "A"	PCB THICKNESS	NOTES	PLATING CONTACT AREA:	
							DASH NR:	PERFORMANCE LEVEL
SEE TABLE SH. 3	1	PRESS-PEG	SOLDER-TO-BOARD	2.90mm	1.6mm	NOTE 7	-1YY/1YYLF	TELCORDIA CO
	1	PRESS-PEG	SOLDER-TO-BOARD	3.53mm	2.4mm	NOTE 7	-2YY/2YYLF	CUSTOMER SPECIAL
	2	HEAT-STAKE	SOLDER-TO-BOARD	2.90mm	1.6mm		-3YY/3YYLF	CUSTOMER SPECIAL
	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		

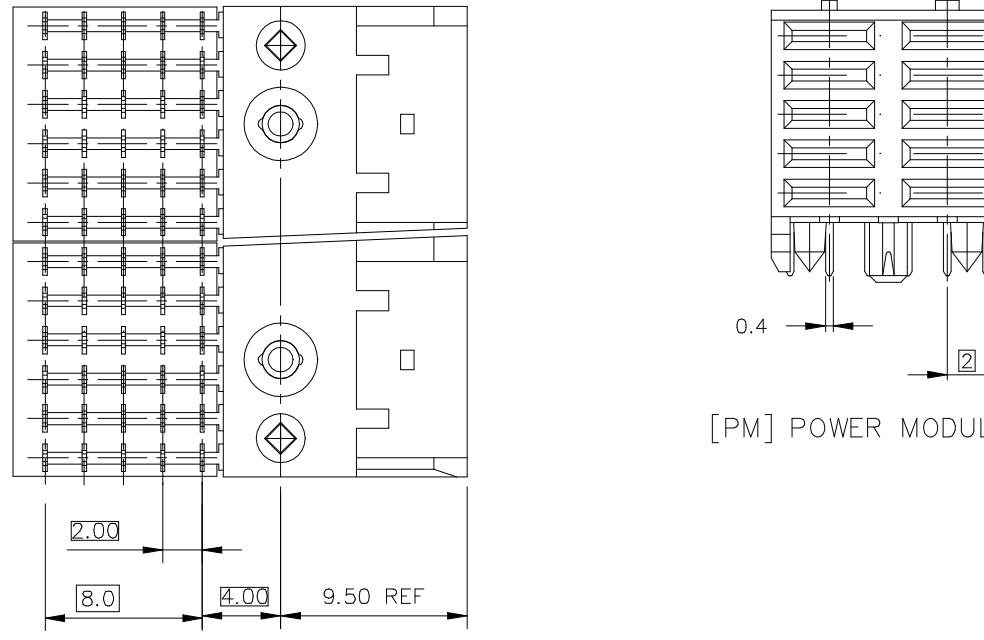


ASSY. STYLE 1

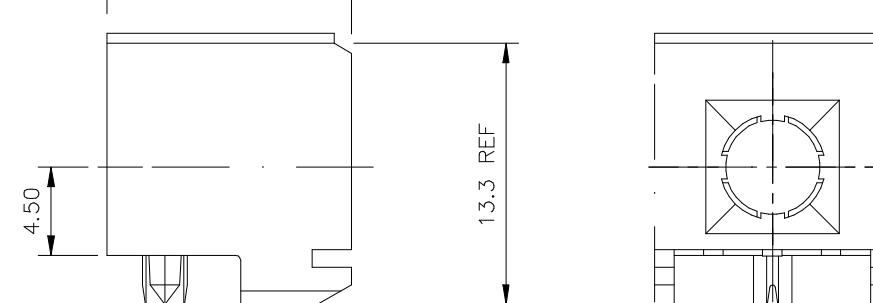
mat'l. code				surface		tolerance		projection	product family
ltr	ecn no	dr	date	ISO 1302		ISO 406	ISO 1101		
J	V05-1012	JRV	11/3/05	tolerances unless otherwise specified		.X ±.3		MM	METRAL
K	DG08-0171	TER	9/6/08	angles	linear	.XX ±.10			
L	DC09-0068	Cenh	06/06/09	0°±2°		.XXX ±.050			
M	ELX-N-26608	MZ	3/28/17	dr	M.FETROW	7/2/97			
				engr	C.PENDLETON	7/2/97		Amphenol FCi	R/A SIGNAL HYBRID RECEPTACLE – 36MM
				chr	C.PENDLETON	7/2/97			
				appd	C.PENDLETON	7/2/97			
							scale 1:1		
sheet		revision	M	M	M			dwg no	sheet 1 of 3
index		sheet	1	2	3				



[SM] SIGNAL MODULE

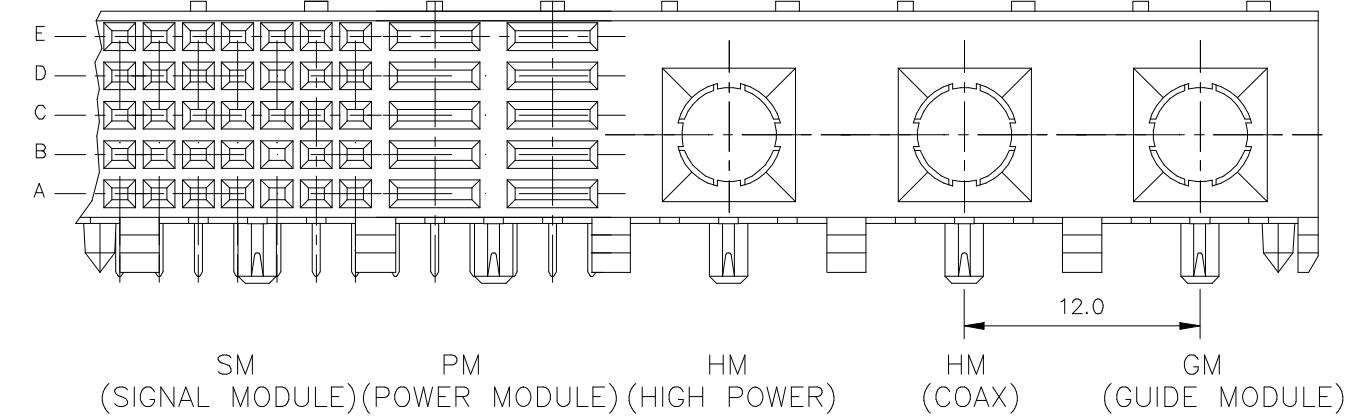


[PM] POWER MODULE

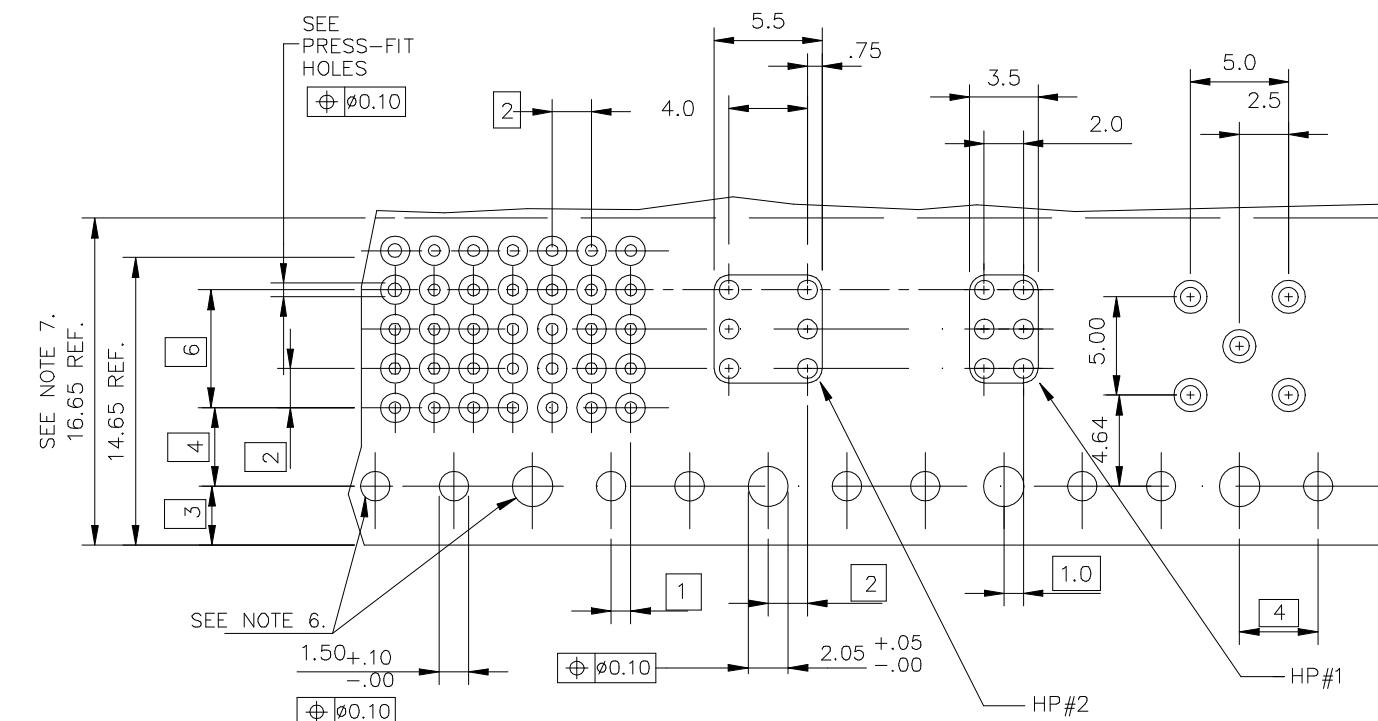


[HM] HYBRID MODULE

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				surface	tolerance	projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
M				ISO 1302	ISO 406 ISO 1101		
				angles	.X ±.3	MM	
				linear	.XX ±.10		
				0° ±2°	.XXX ±.050	scale 1:1	
		dr	M.FETROW	7/2/97			dwg no
		engr	C.PENDLETON	7/2/97			sheet 2 of 3
		chr	C.PENDLETON	7/2/97			size
		appd	C.PENDLETON	7/2/97			A3
	sheet	revision					Amphenol
	index	sheet					FCi
							type
							Product
							Customer
							Drawing

PRODUCT NO	ASSY 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							X	X		X	X		X	X	X	X	X	
			MODULE TYPE							X	X		X	X		X	X	X	X	X	
73950-X002 SEE NOTE 11 FOR LEAD FREE OPTIONS	1	3.53	E D C B A							X	X	X	X	X	X	X	X	X	X	X	
			MODULE TYPE							X	X	X	X	X	X	X	X	X	X	X	
73950-X003 SEE NOTE 11 FOR LEAD FREE OPTIONS	3	3.53	E D C B A							X	X	X	X	X	X	X	X	X	X	X	
			MODULE TYPE							X	X	X	X	X	X	X	X	X	X	X	
73950-X004 SEE NOTE 11 FOR LEAD FREE OPTIONS	3	2.90	E D C B A							-	X	-	X	-	X	-	X	-	X	-	
			MODULE TYPE							-	X	-	X	-	X	-	X	-	X	-	
73950-X005 SEE NOTE 11 FOR LEAD FREE OPTIONS	3	2.90	E D C B A							X	X		X	X	X	X	X	X	X	X	
			MODULE TYPE							X	X		X	X	X	X	X	X	X	X	
73950-X006 SEE NOTE 11 FOR LEAD FREE OPTIONS	3	2.90	E D C B A							X	X	X	X	X	X	X	X	X	X	X	
			MODULE TYPE							X	X	X	X	X	X	X	X	X	X	X	
LOAD PATTERN																					
X	LOADED																				
-	NOT LOADED																				
HP#1	PWR. CONN	.LOADED																			

NOTES:

1. CONNECTOR MATERIALS:
HOUSING: LCP, 30% GLASS FILLED,
UL 94-VO COMPLIANT
TERMINAL: PHOSPHOR BRONZE ALLOY
2. PLATING ON TAIL:
PRESS-FIT TYPE
73950-XYY IS 0.5-1.5um SnPb
73950-XYYLF IS 0.5-1.5um Sn (LEAD FREE)
SOLDER-TO-BOARD TYPE
73950-XYY IS 2-8um SnPb
73950-XYYLF IS 2-8um Sn (LEAD FREE)

3. PRODUCT SPECIFICATION:
GS-12-0024. 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: 73950-XYYLF.
12. FOR THE PRODUCT WITH 30u GOLD PLATING IN TERMINAL, THEY CAN BE REPLACED BY 30 GXT PLATING.

mat'l. code				surface		tolerance	projection	product family		METRAL	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title		R/A SIGNAL HYBRID	
				angles	linear	.X .±.3	MM			RECEPTACLE – 36MM	
						0° .±.2°	XX .±.10			scale 1:1	
				dr	M.FETROW	7/2/97	engr	C.PENDLETON	7/2/97	dwg no	sheet 3 of 3
							chr	C.PENDLETON	7/2/97	Amphenol	A3
							appd	C.PENDLETON	7/2/97		type
sheet	revision									Product	Customer
index	sheet									Drawing	
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	48
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61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
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97	98	99	100	101	102	103	104	105	106	107	108
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349	350	351	352	353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368	369	370	371	372
373	374	375	376</								

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