

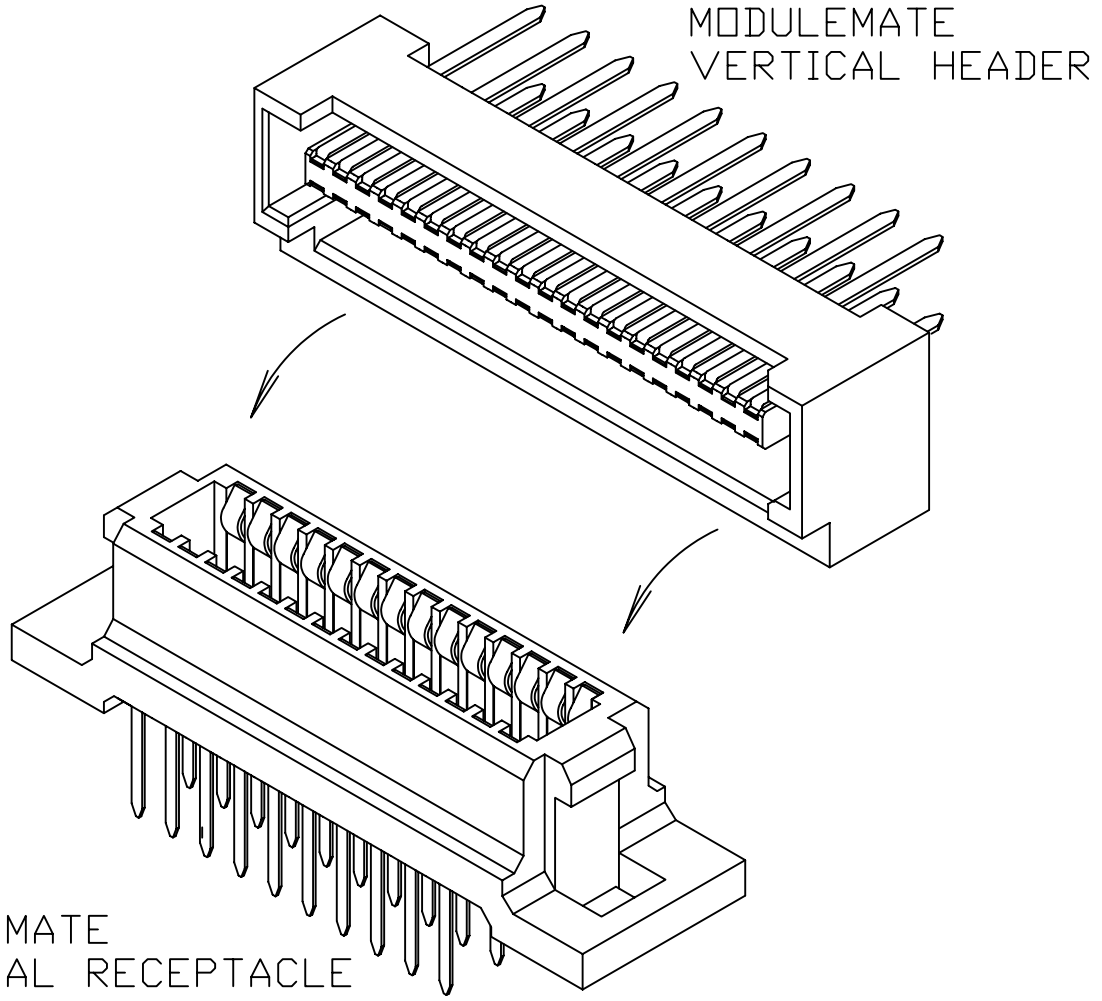
Tous droits réservés. Reproduction ou utilisation sans autorisation de FCJ Electronics est formellement interdite.
All rights reserved. Reproduction or use without written authority from FCJ Electronics is strictly prohibited.
Property © FCJ Electronics. Reproduction or use without written authority from FCJ Electronics is strictly prohibited.



PRODUCT NO.	SEE DIAGRAM SH. 2
SHEET INDEX	
SHEET 1	TITLE SHEET
SHEET 2	PART NUMBER AND MATED HEIGHT INFO.
SHEET 3	VERTICAL RECEPTACLE WITH HOOK
SHEET 4	VERTICAL RECEPTACLE WITHOUT HOOK
SHEET 5	RIGHT ANGLE RECEPTACLE
SHEET 6	RIGHT ANGLE HEADER
SHEET 7	VERTICAL HEADER WITH HOOK
SHEET 8	VERTICAL HEADER WITHOUT HOOK

FEATURES:

1. PITCH = 1.27mm/.05 AT CONTACT INTERFACE
2. POSTURE: RIGHT ANGLE RECEPTACLE
RIGHT ANGLE HEADER
VERTICAL RECEPTACLE
VERTICAL HEADER
3. NUMBER OF POSITIONS:
20,30,40,50,60,80,100,120
4. MATED HEIGHTS, VERTICAL POSTURE:
7,8,9,10,12,MM
5. PCB RETENTION HOOK ON ALL RIGHT ANGLE ASSEMBLIES, OPTIONAL ON VERTICAL ASSEMBLIES
6. RECEPTACLE TERMINAL MATERIAL:
PHOS-BRONZE WITH 15u"/0.38u MIN GXT IN CONTACT AREA
AND 100u"/2.54u MIN SnPb IN SOLDER TAIL AREA
HEADER TERMINAL MATERIAL:
PHOS-BRONZE WITH 15u"/0.38u MIN GXT IN CONTACT AREA
AND 100u"/2.54u MIN SnPb IN SOLDER TAIL AREA
HOUSING MATERIAL: LCP, COLOR IS BLACK
7. P/N'S WITH SUFFIX "LF" ARE LEAD FREE P/N'S. FOR LEAD FREE P/N'S, ALL SnPb PLATING WILL BE SUBSTITUTED BY PURE TIN
8. PACKING STANDARD GS-14-920 WILL BE APPLIED FOR LEAD FREE P/N'S
9. FOR LEAD FREE P/N, THE PRODUCT MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008
10. FOR LEAD FREE P/N, THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRARED OR VAPOR PHASE REFLOW OVEN.



mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		 www.fciconnect.com				
ltr	ecn no	dr	date	linear	.X ± 0.3			projection 	title MODULEMATE CONNECTOR ASSEMBLY				
H	V11178	TAI	05/09/01		.XX ± 0.13								
J	N05-0269	PH	09/28/05		.XXX ± 0.05								
K	N06-0304	LONG	12/04/06	angles	0° ± 2°			MM 	product family MODULEMATE size dwg no 95747				
E	T60403	L S	10/5/96	engr	KENNY TAI	05/09/01							
F	T70121	L S	03/27/97	chr	KENNY TAI	05/09/01							
G	T80299	CH	07/13/98	appd	PAUL WANG	05/09/01	scale ---	A3	sheet 1 of 8				
sheet index	revision	K	J	K	J	J	K					J	J
	sheet	1	2	3	4	5	6					7	8

MODULEMATE ASSEMBLY PRODUCT NUMBERS, HEADERS AND RECEPTACLES

PRODUCT NUMBER 9 5 7 G P - N N H

GENDER	CODE
HEADER	4
RECEPTACLE	5

CODE	MATING DISTANCE	
	HEADER	RECEPTACLE

SEE TABLES 1
FOR VERTICAL
MATING, TABLE 2
FOR HORIZONTAL
MATING, AND
TABLES 3 AND 4
FOR RIGHT ANGLE
MATING

POSTURE	CODE
RIGHT ANGLE	7
VERTICAL W/HOOK	8
VERTICAL W/O HOOK	9

CODE	TOTAL NUMBER OF POSITIONS
02	20
03	30
04	40
05	50
06	60
08	80
10	100
12	120

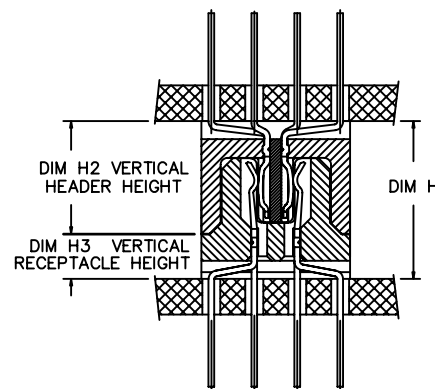


TABLE 1					
HEADER CODE	RECEPTACLE CODE		MATED HEIGHT	DIM H2	DIM H3
5	2	VERTICAL HEADER TO VERTICAL RECEPTACLE	7	5	2
5	3		8	5	3
7	2		9	7	2
7	3		10	7	3
5	5		10	5	5
7	5		12	7	5

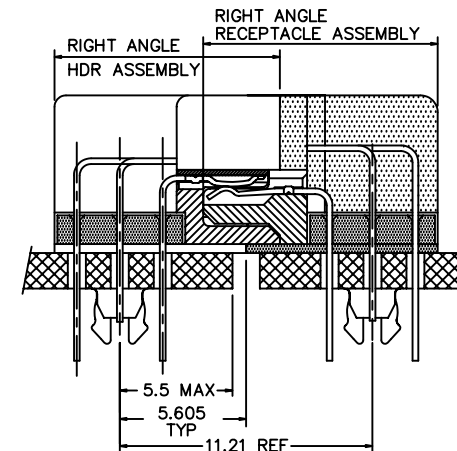


TABLE 2		
HEADER CODE	RECEPTACLE CODE	
8	8	RIGHT ANGLE HEADER TO RIGHT ANGLE RECEPTACLE

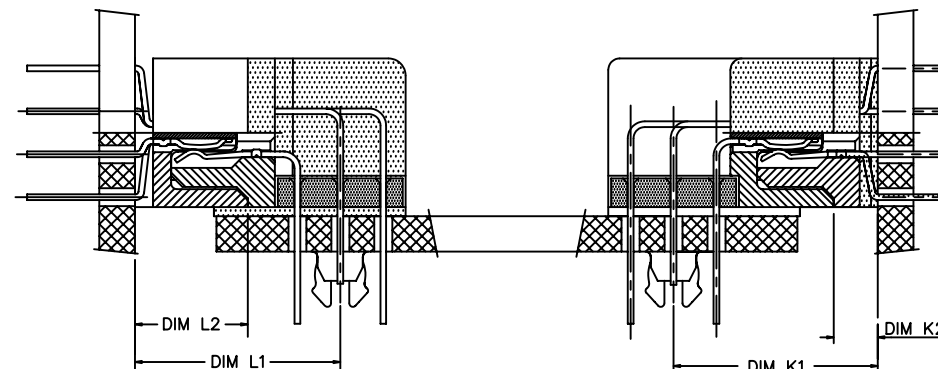


TABLE 3				
HEADER CODE	RECEPTACLE CODE		L1	L2
5	8	VERTICAL HEADER TO RIGHT ANGLE RECPT.	9.105	5
7	8		11.105	7

TABLE 4				
HEADER CODE	RECEPTACLE CODE		K1	K2
8	2	RIGHT ANGLE HEADER TO VERTICAL RECEPTACLE	9.06	2
8	3		10.06	3
8	5		12.06	5

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ± 0.3 .XX ± 0.13 .XXX ± 0.05	projection	title	product family	code
J				angles	0°±2°	MM	MODULEMATE CONNECTOR ASSEMBLY	MODULEMATE	
				dr	KENNY TAI 05/09/01	scale	product family	size	code
				enrg	KENNY TAI 05/09/01	---	size	dwg no	sheet
				chr	KENNY TAI 05/09/01		95747		2 of
				appd	PAUL WANG 05/09/01				
sheet	revision								
index	sheet								

PDM! Rev:K

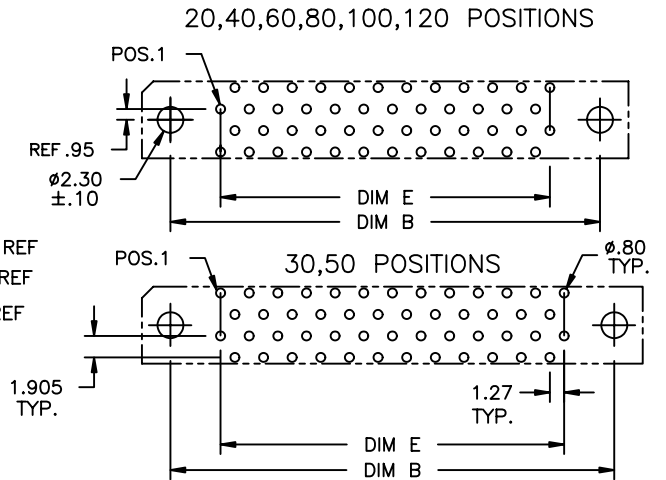
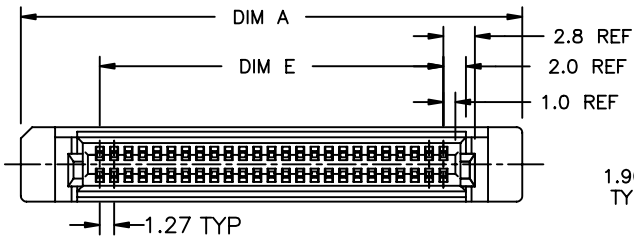
STATUS: Released

Printed: Nov 09, 2010 6

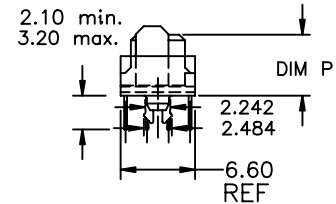
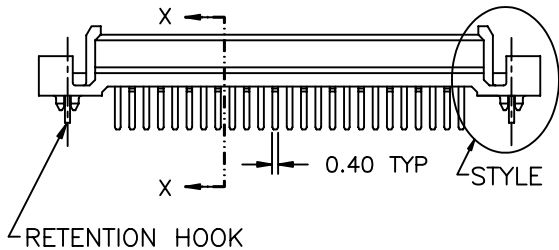
Tous droits réservés. Reproduction ou utilisation sans autorisation écrite de la FCJ est formellement interdite. Toute réimpression ou utilisation non autorisée sans la permission écrite de la FCJ est formellement interdite. All rights reserved. Reproduction or use in any form without the written authority of FCJ is expressly prohibited. Property © FCJ ELECTRONICS. Copyright FCJ ELECTRONICS by

PRODUCT NUMBER	POS.	DIM A	DIM B	DIM E	DIM P	TYPE	COMMENTS
95758-022/022LF	20	25.43	20.32	11.43	5.4	STYLE I	AVAILABLE
↑ -032	30	31.78	26.67	17.78			
↑ -042	40	38.13	33.02	24.13			
↑ -052	50	44.48	39.37	30.48			
↑ -062/062LF	60	50.83	45.72	36.83			
↓ -082	80	63.53	58.42	49.53			NOT TOOLED
↓ -102	100	76.23	71.12	62.23			
95758-122	120	88.93	83.82	74.93	5.4	STYLE I	
95758-023	20	25.43	20.32	13.43	6.4	STYLE I	
↑ -033	30	31.78	26.67	19.78			
↑ -043	40	38.13	33.02	26.13			
↑ -053	50	44.48	39.37	32.48			
↑ -063	60	50.83	45.72	38.83			
↑ -083	80	63.53	58.42	51.53			
↓ -103	100	76.23	71.12	64.23			
95758-123	120	88.93	83.82	76.93	6.4	STYLE I	
95758-025	20	25.43	20.32	13.43	8.4	STYLE II	
↑ -035	30	31.78	26.67	19.78			
↑ -045	40	38.13	33.02	26.13			
↑ -055	50	44.48	39.37	32.48			
↑ -065	60	50.83	45.72	38.83			
↑ -085	80	63.53	58.42	51.53			
↓ -105	100	76.23	71.12	64.23			
95758-125	120	88.93	83.82	76.93	8.4	STYLE II	

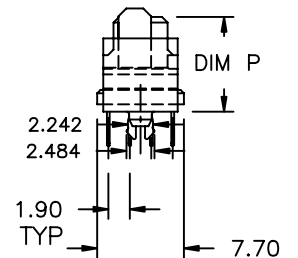
VERTICLE RECEPTACLE WITH HOOKS
SHOWN ON THIS SHEET



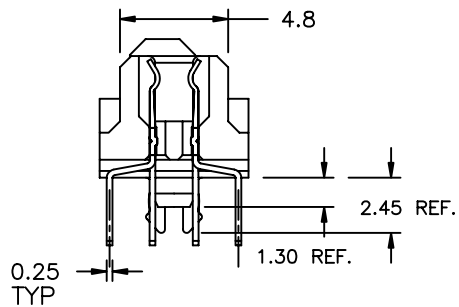
RECOMMENDED PCB LAYOUT



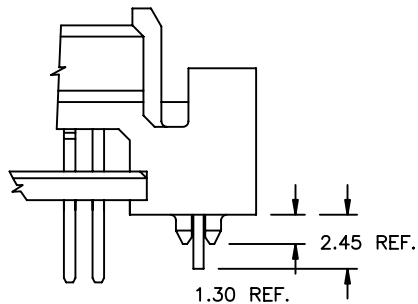
STYLE I



STYLE II



SECTION X-X
STYLE I



STYLE II

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		 www.fcjconnect.com	
ltr	ecn no	dr	date	linear	.X ± 0.3		projection 	title MODULEMATE CONNECTOR ASSEMBLY		
K					.XX ± 0.13					
					.XXX ± 0.05					
				angles	0°±2°					
				dr	KENNY TAI	05/09/01	MM ←→	product family MODULEMATE		code
				enrg	KENNY TAI	05/09/01		size	dwg no	
				chr	KENNY TAI	05/09/01	scale	A3	95747	sheet
				appd	PAUL WANG	05/09/01	---			
sheet	revision									
index	sheet									

Tous droits réservés. Reproduction ou utilisation sans autorisation de FCJ Electronics est formellement interdite.
All rights reserved. Reproduction or use without written authority from FCJ Electronics is strictly prohibited.
Proprietar © FCJ ELECTRONICS
Droits de reproduction réservés

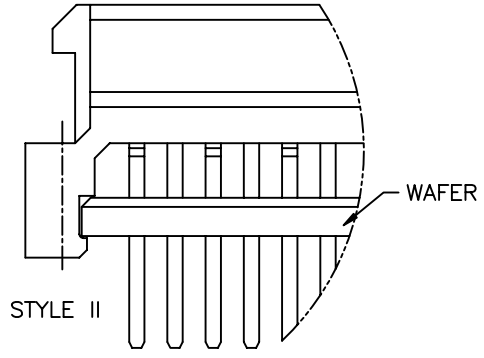
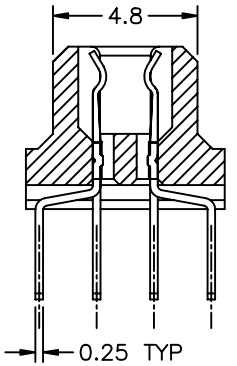
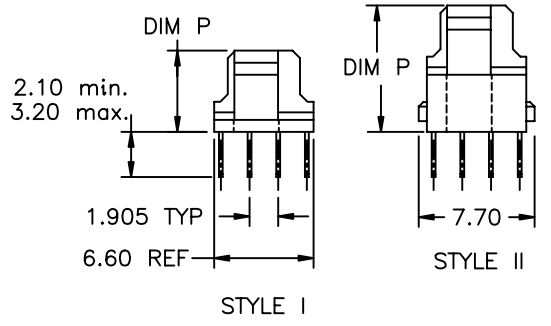
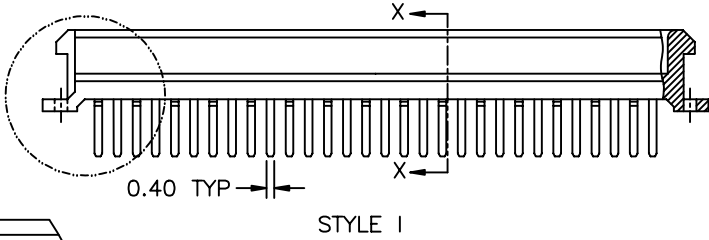
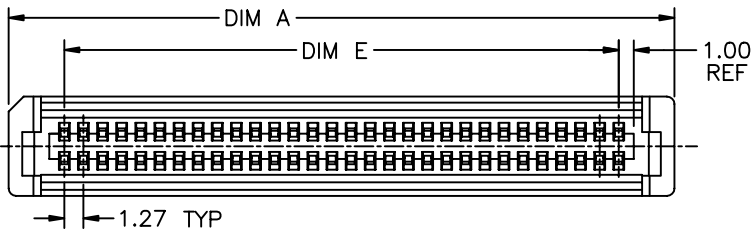
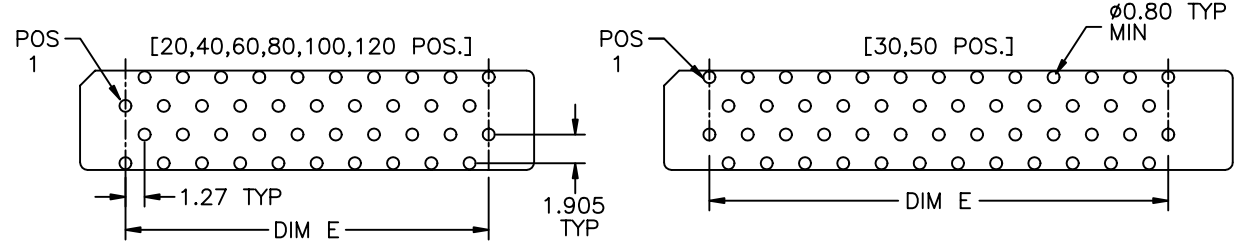


All rights reserved. Reproduction or use without written authority from FCJ Electronics is strictly prohibited.
Proprietar © FCJ ELECTRONICS
Droits de reproduction réservés

PRODUCT NUMBER	POS.	DIM A	DIM E	DIM P	TYPE	COMMENTS
95759-022	20	18.83	11.43	5.4	STYLE I	AVAILABLE
↑ -032	30	25.18	17.78	↑		NOT TOOLED
↑ -042	40	31.53	24.13	↑		
↑ -052	50	37.88	30.48	↑		
↑ -062	60	44.23	36.83	↑		AVAILABLE
↑ -082	80	56.93	49.53	↑		
↓ -102	100	69.63	62.23	↓	STYLE I	
95759-122	120	82.33	74.93	5.4		
95759-023	20	18.83	13.43	6.4	STYLE I	NOT TOOLED
↑ -033	30	25.18	19.78	↑		
↑ -043	40	31.53	26.13	↑		
↑ -053	50	37.88	32.48	↑		
↑ -063	60	44.23	38.83	↑		
↑ -083	80	56.93	51.53	↑		
↓ -103	100	69.63	64.23	↓	STYLE II	
95759-123	120	82.33	76.93	6.4		
95759-025	20	18.83	13.43	8.4	STYLE II	
↑ -035	30	25.18	19.78	↑		
↑ -045	40	31.53	26.13	↑		
↑ -055	50	37.88	32.48	↑		
↑ -065	60	44.23	38.83	↑		
↑ -085	80	56.93	51.53	↑		
↓ -105	100	69.63	64.23	↓		
95759-125	120	82.33	76.93	8.4		

VERTICLE RECEPTACLE WITHOUT HOOK
SHOWN ON THIS SHEET

RECOMMENDED PCB LAYOUT



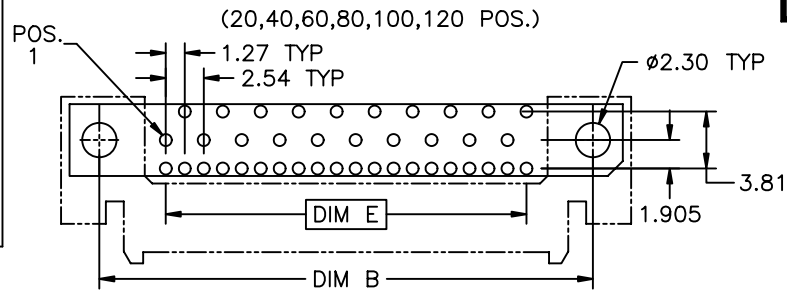
STYLE I
SECTION X-X
4/1

STYLE II

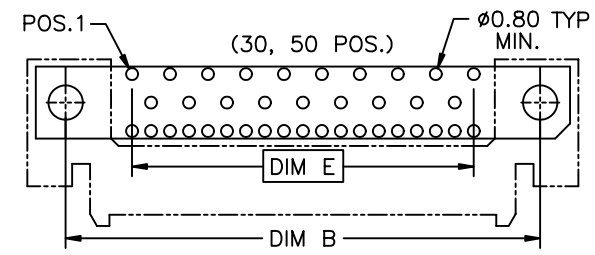
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCJ www.fcjconnect.com	
ltr	ecn no	dr	date	linear	.X ± 0.3 .XX ± 0.13 .XXX ± 0.05	projection	title	product family	code
J				angles	0°±2°	MM	MODULEMATE CONNECTOR ASSEMBLY	MODULEMATE	
		dr	KENNY TAI	05/09/01		scale	size	dwg no	sheet
		enr	KENNY TAI	05/09/01		---	A3	95747	4 of
		chr	KENNY TAI	05/09/01					
		appd	PAUL WANG	05/09/01					
sheet	revision								
index	sheet								

Tous droits réservés. Toute réimpression ou utilisation non autorisée sans la permission écrite de la FCi est formellement interdite. Toute réimpression ou utilisation non autorisée sans la permission écrite de la FCi est formellement interdite. All rights reserved. Reproduction or use in any form without the written permission of FCi is expressly prohibited. Reproduction or use in any form without the written permission of FCi is expressly prohibited. Copyright 2010 FCi Electronics Inc.

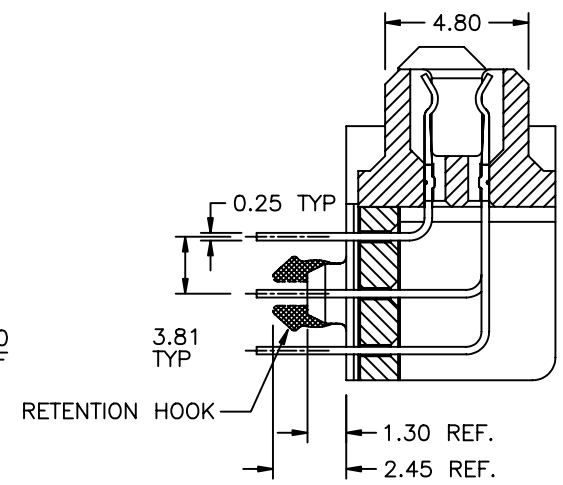
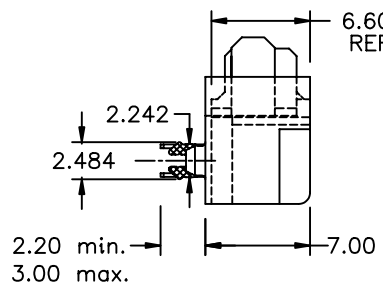
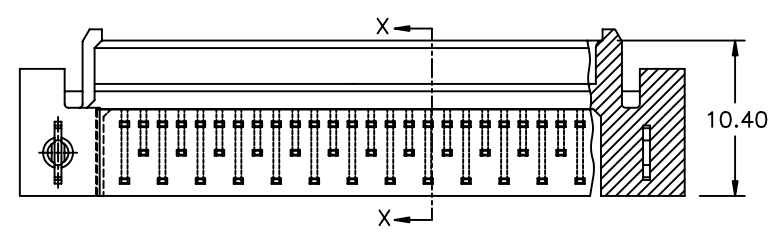
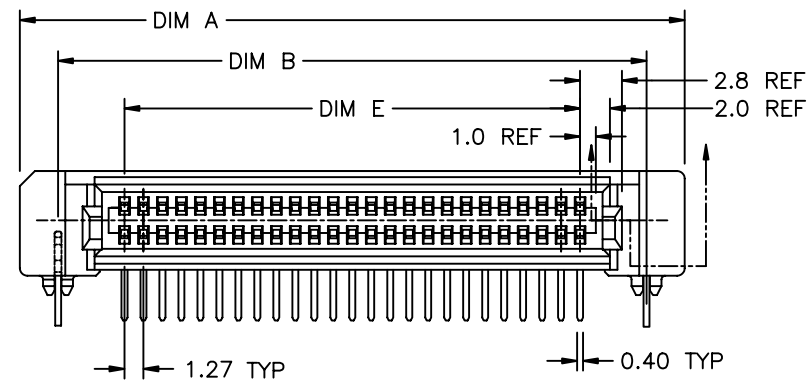
PRODUCT NO.	POS.	DIM A	DIM B	DIM E	COMMENTS
95757-028	20	25.43	20.32	11.43	NOT TOOLED
-038	30	31.78	26.67	17.78	
-048	40	38.13	33.02	24.13	
-058	50	44.48	39.37	30.48	
-068	60	50.83	45.72	36.83	
-088	80	63.53	58.42	49.53	
-108	100	76.23	71.12	62.23	
95757-128	120	88.93	83.82	74.93	



RIGHT ANGLE RECEPTACLE WITH HOOK
SHOWN ON THIS SHEET



RECOMMENDED PCB LAYOUT



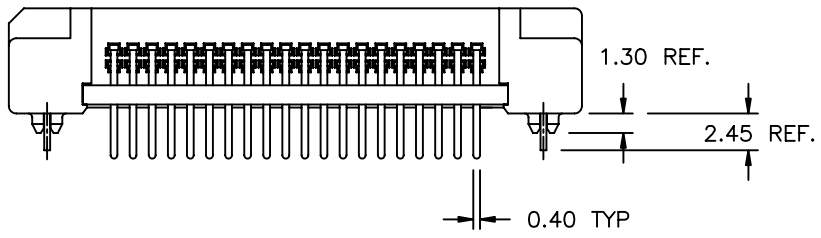
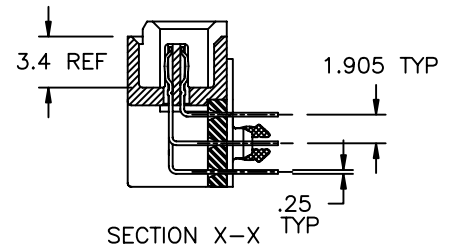
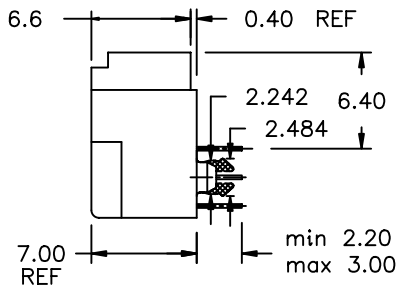
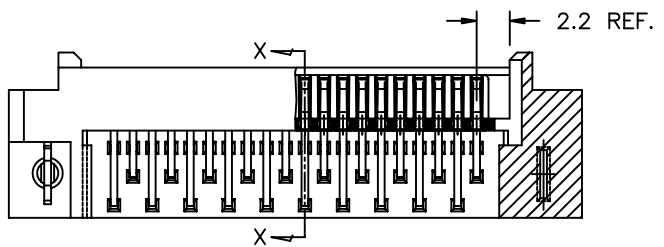
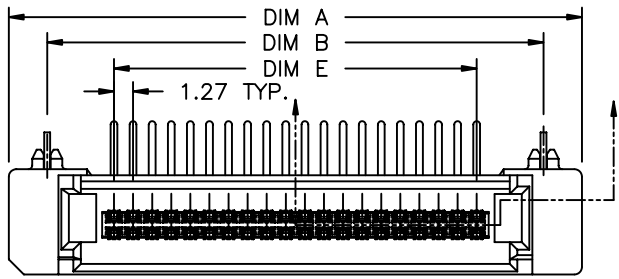
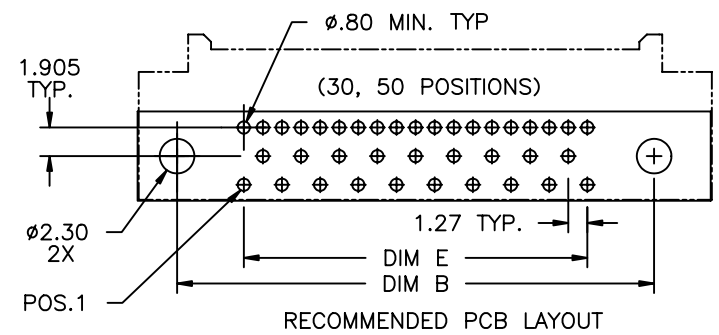
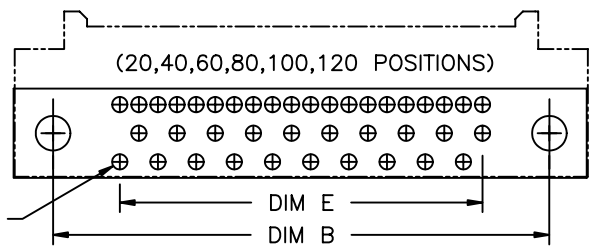
SECTION X-X
4/1

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		 www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± 0.3			projection 	title MODULEMATE CONNECTOR ASSEMBLY		
J					.XX ± 0.13						
					.XXX ± 0.05						
				angles	0°±2°						
				dr	KENNY TAI	05/09/01	MM ↔	product family MODULEMATE			code
				engr	KENNY TAI	05/09/01		size	dwg no		sheet 5 of
				chr	KENNY TAI	05/09/01		scale	A3		
				appd	PAUL WANG	05/09/01	---				
sheet index	revision sheet										

Tous droits réservés. Reproduction ou utilisation sans autorisation de FCJ Electronics est formellement interdite.
All rights reserved. Reproduction or use without written authority from FCJ Electronics is strictly prohibited.
Copyright © 2010 FCJ Electronics. All rights reserved.

PRODUCT NO.	POS.	DIM A	DIM B	DIM E	COMMENTS
95747-028/028LF	20	25.43	20.32	11.43	AVAILABLE
↑ -038	30	31.78	26.67	17.78	NOT TOOLED
-048	40	38.13	33.02	24.13	AVAILABLE
-058	50	44.48	39.37	30.48	
-068	60	50.83	45.72	36.83	
-088	80	63.53	58.42	49.53	NOT TOOLED
↓ -108	100	76.23	71.12	62.23	
95747-128	120	88.93	83.82	74.93	

RIGHT ANGLE HEADER WITH HOOK
SHOWN ON THIS SHEET



mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		 www.fcjconnect.com										
ltr	ecn no	dr	date	linear	.X ± 0.3			projection 	title MODULEMATE CONNECTOR ASSEMBLY										
K					.XX ± 0.13														
					.XXX ± 0.05														
				angles	0°±2°														
				dr	KENNY TAI	05/09/01	MM ←→	product family MODULEMATE		code									
				enrg	KENNY TAI	05/09/01		size	dwg no		sheet 6 of								
				chr	KENNY TAI	05/09/01		scale	A3										
				appd	PAUL WANG	05/09/01	---		95747										
sheet index		revision sheet																	

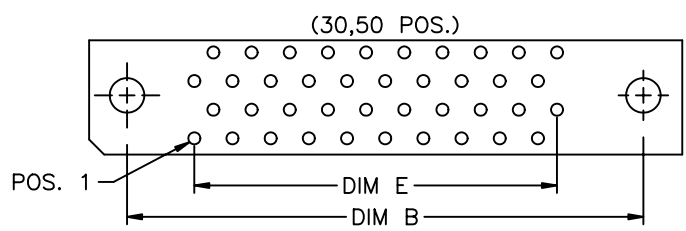
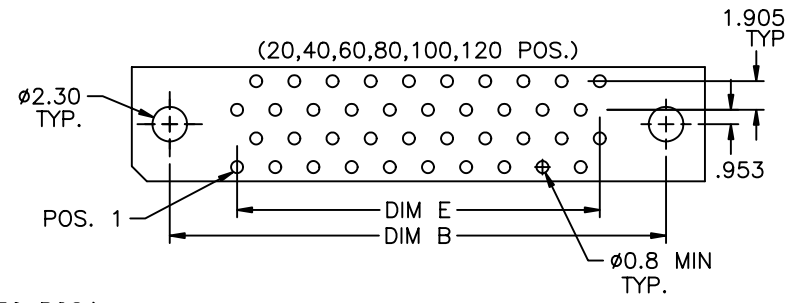
Tous droits réservés. Reproduction ou utilisation sans autorisation écrite de l'auteur.
All rights reserved. Reproduction or use without written authority from the proprietor.
Copyright © 2010 FCi Electronics Inc.



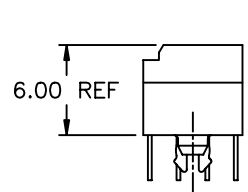
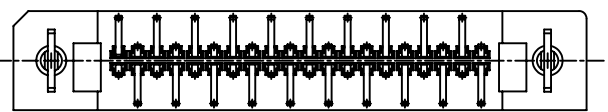
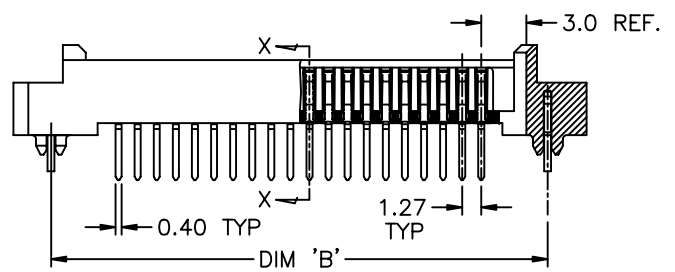
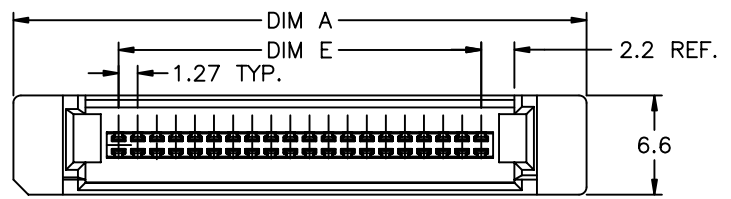
All rights reserved. Reproduction or use without written authority from the proprietor.
Copyright © 2010 FCi Electronics Inc.

PRODUCT NO.	POS.	DIM A	DIM B	DIM E	STYLE	COMMENTS
95748-025	20	25.43	20.32	11.43	STYLE I	NOT TOOLED
↑ -035	30	31.78	26.67	17.78		
↑ -045	40	38.13	33.02	24.13		
↑ -055	50	44.48	39.37	30.48		
↑ -065	60	50.83	45.72	36.83		
↑ -085	80	63.53	58.42	49.53		
↓ -105	100	76.23	71.12	62.23		
95748-125	120	88.93	83.82	74.93	STYLE II	
95748-027	20	25.43	20.32	11.43		
↑ -037	30	31.78	26.67	17.78		
↑ -047	40	38.13	33.02	24.13		
↑ -057	50	44.48	39.37	30.48		
↑ -067	60	50.83	45.72	36.83		
↑ -087	80	63.53	58.42	49.53		
↓ -107	100	76.23	71.12	62.23		
95748-127	120	88.93	83.82	74.93		

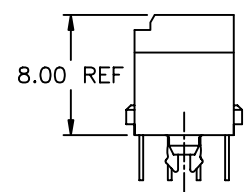
VERTICLE HEADER WITH HOOK
SHOWN ON THIS SHEET



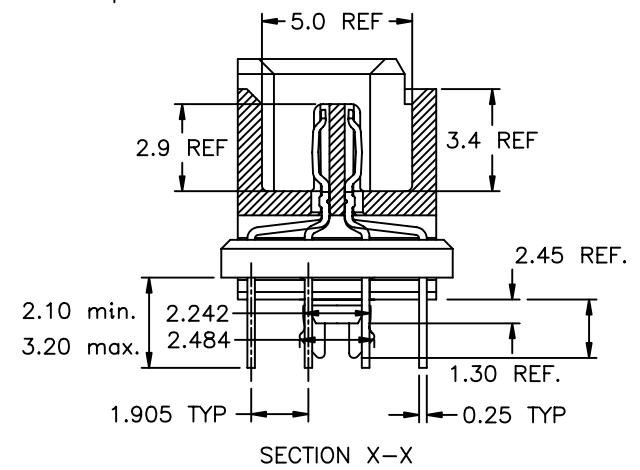
RECOMMENDED PCB
LAYOUT



STYLE I



STYLE II



SECTION X-X

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		 www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± 0.3			projection 	title MODULEMATE CONNECTOR ASSEMBLY		
J					.XX ± 0.13						
					.XXX ± 0.05						
				angles	0° ± 2°				product family MODULEMATE		
				dr	KENNY TAI	05/09/01	← MM →	size	dwg no 95747		code
				enr	KENNY TAI	05/09/01					
				chr	KENNY TAI	05/09/01					
				appd	PAUL WANG	05/09/01	scale ---	A3			sheet 7 of
sheet index		revision sheet									

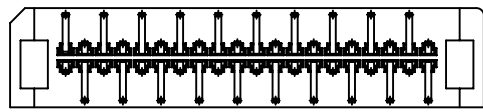
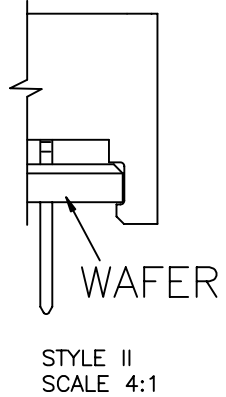
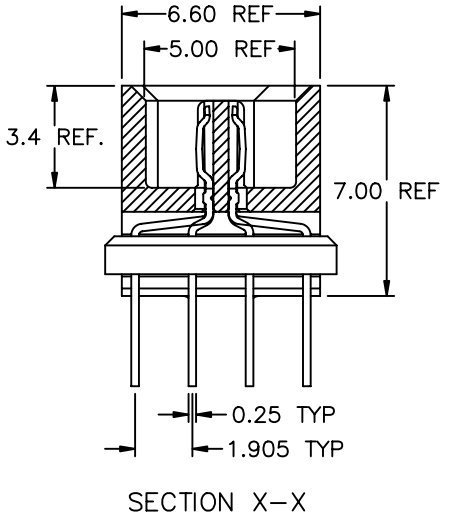
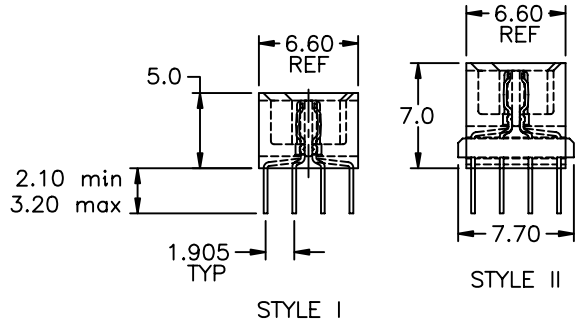
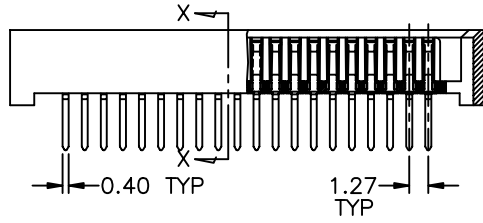
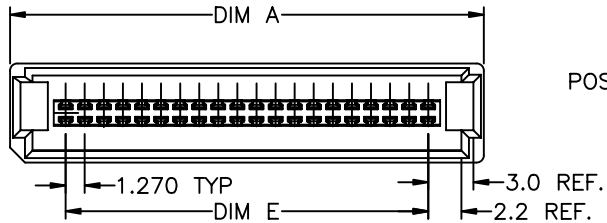
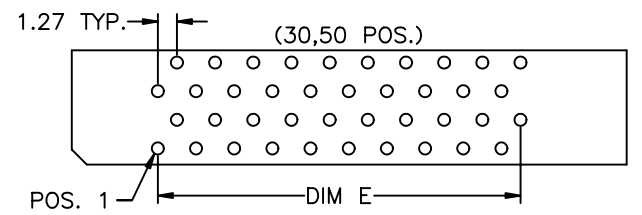
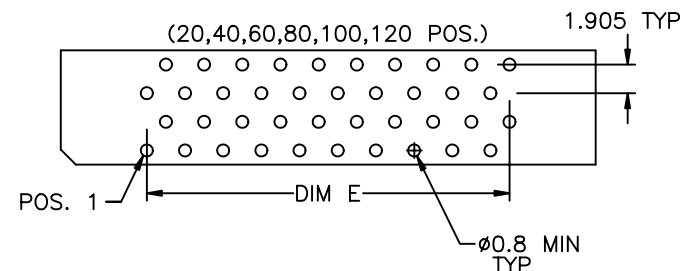
Tous droits réservés. Reproduction ou utilisation sans autorisation de FCJ Electronics est formellement interdite.
All rights reserved. Reproduction or use without written authority from FCJ Electronics is strictly prohibited.
Copyright © 2010 FCJ Electronics Inc.



All rights reserved. Reproduction or use without written authority from FCJ Electronics is strictly prohibited.
Copyright © 2010 FCJ Electronics Inc.

PRODUCT NO.	POS.	DIM A	DIM E	STYLE	COMMENTS
95749-025	20	18.83	14.23	STYLE I	NOT TOOLED
↑ -035	30	25.48	20.58		
-045	40	31.53	26.93		
-055	50	37.88	33.28		
-065	60	44.23	39.63		
-085	80	56.93	52.33		
-105	100	69.63	65.03		
-125	120	82.33	77.73		
-027	20	18.83	14.23	STYLE II	
-037	30	25.48	20.58		
-047	40	31.53	26.93		
-057	50	37.88	33.28		
-067	60	44.23	39.63		
-087	80	56.93	52.33		
↓ -107	100	69.63	65.03		
95749-127	120	82.33	77.73		

VERTICLE HEADER WITHOUT HOOK
SHOWN ON THIS SHEET



mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		 www.fciconnect.com																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
ltr	ecn no	dr	date	linear	.X ± 0.3			projection 	title MODULEMATE CONNECTOR ASSEMBLY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
J					.XX ± 0.13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					.XXX ± 0.05																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				angles	0°±2°				product family MODULEMATE size dwg no 95747																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				dr	KENNY TAI	05/09/01	sheet index					revision sheet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										