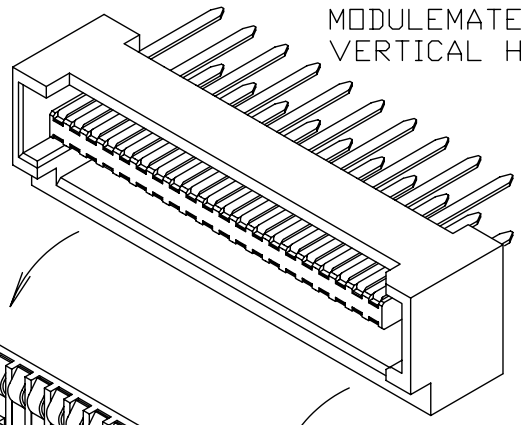
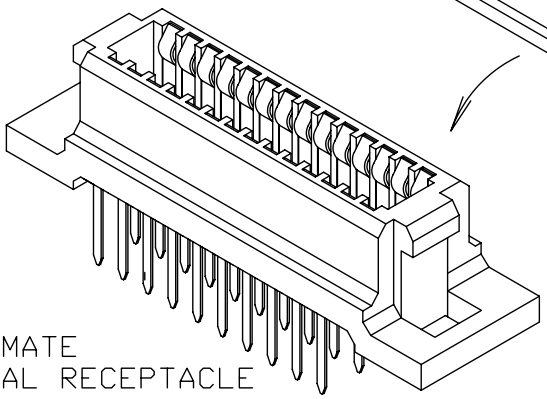
PRODUCT NO.	SEE DIAGRAM SH. 2
SHEET INDEX	
SHEET 1	TITLE SHEET
SHEET 2	PART NUMBER AND MATED HEIGHT INFO.
SHEET 3	VERTICAL RECEPTACLE WITH HOOK
SHEET 4	VERTICAL RECPETACLE WITHOUT HOOK
SHEET 5	RIGHT ANGLE RECEPTACLE
SHEET 6	RIGHT ANGLE HEADER
SHEET 7	VERTICAL HEADER WITH HOOK
SHEET 8	VERTICAL HEADER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



MODULEMATE
VERTICAL HEADER



MODULEMATE
VERTICAL RECEPTACLE

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 TEMINAL 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 TERMERATURE FOR 40 SECONDS IN A CONVECTION, INFRO-RED OR VAPOR PHASE REFLOW OVEN.

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

sheet	revision	K	J	K	J	J	K	J	J
index	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

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

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

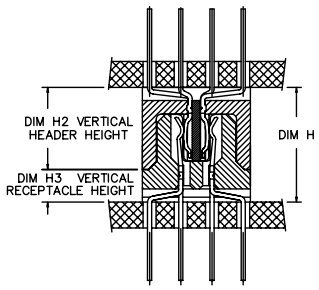


TABLE 1

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

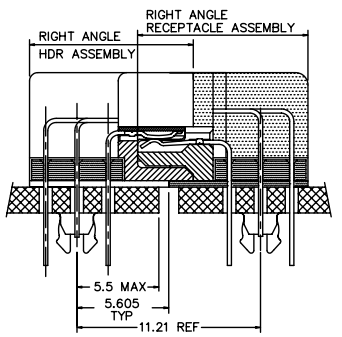


TABLE 2

HEADER CODE	RECEPTACLE CODE	
8	8	RIGHT ANGLE HEADER TO RIGHT ANGLE RECEPTACLE

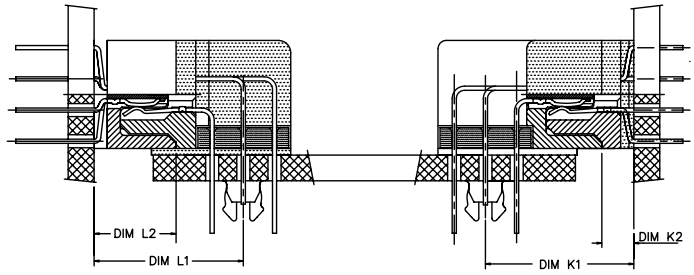


TABLE 3

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	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 A3 dwg no 95747
				chr	KENNY TAI 05/09/01	scale ---	sheet 2 of
				appd	PAUL WANG 05/09/01		

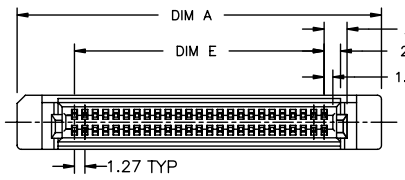
sheet index | revision sheet

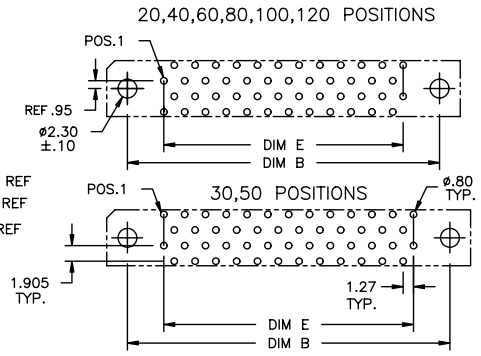
form no. 7530-001-104

PDM: Rev:K STATUS: Released Printed: Nov 09, 2010

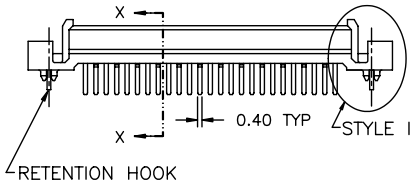
PRODUCT NUMBER	POS.	DIM A	DIM B	DIM E	DIM P	TYPE	COMMENTS
95758-022/022LF	20	25.43	20.32	11.43	5.4	STYLE I	AVAILABLE
-032	30	31.78	26.67	17.78			
-042	40	38.13	33.02	24.13			
-052	50	44.48	39.37	30.48			
-062/062LF	60	50.83	45.72	36.83			
-082	80	63.53	58.42	49.53			NOT TOOLED
-102	100	76.23	71.12	62.23			
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	

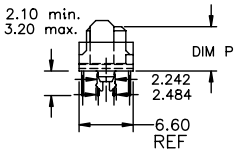
VERTICLE RECEPTACLE WITH HOOKS SHOWN ON THIS SHEET



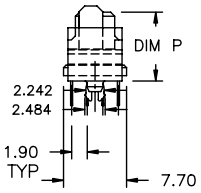


RECOMMENDED PCB LAYOUT

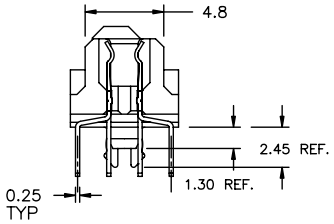




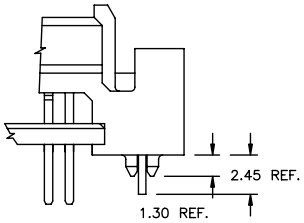
STYLE I



STYLE II



SECTION X-X
STYLE I



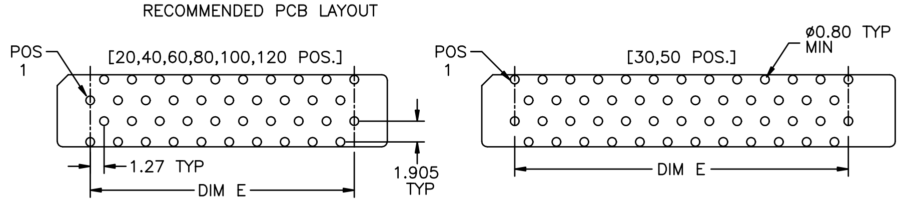
STYLE II

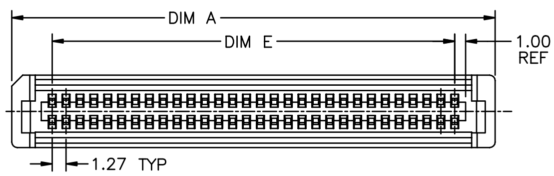
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.X ± 0.3		
K					.XX ± 0.13	projection	title MODULEMATE CONNECTOR ASSEMBLY
					.XXX ± 0.05		
				angles	0°±2°		
				dr KENNY TAI	05/09/01	MM	product family MODULEMATE code
				engr KENNY TAI	05/09/01		size A3 dwg no 95747
				chr KENNY TAI	05/09/01	scale ---	sheet 3 of
				appd PAUL WANG	05/09/01		
sheet index	revision sheet						

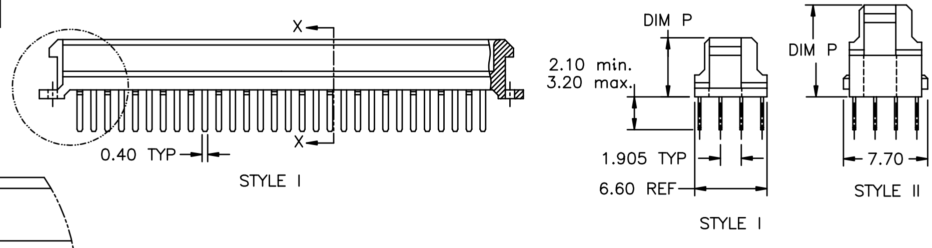
PRODUCT NUMBER	POS.	DIM A	DIM E	DIM P	TYPE	COMMENTS
95759-022	20	18.83	11.43	5.4	STYLE I	AVAILABLE
-032	30	25.18	17.78			NOT TOOLED
-042	40	31.53	24.13			
-052	50	37.88	30.48			AVAILABLE
-062	60	44.23	36.83			
-082	80	56.93	49.53			
-102	100	69.63	62.23			NOT TOOLED
95759-122	120	82.33	74.93	5.4		
95759-023	20	18.83	13.43	6.4	STYLE I	
-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			
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		

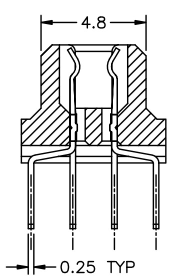
VERTICLE RECEPTACLE WITHOUT HOOK SHOWN ON THIS SHEET

RECOMMENDED PCB LAYOUT

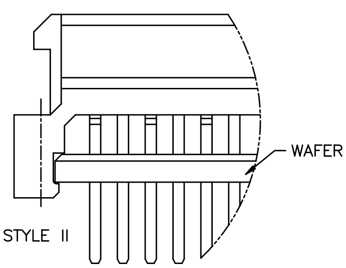








STYLE I
SECTION X-X
4/1



STYLE II

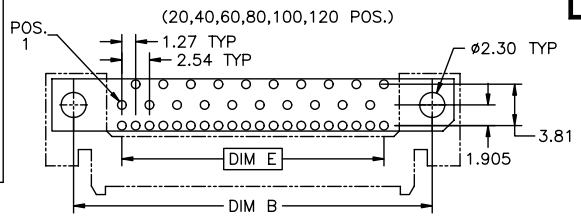
mat'l. code	tolerances unless otherwise specified	CUSTOMER COPY	www.fciconnect.com
ltr J, ecn no, dr, date	linear .X ± 0.3 / .XX ± 0.13 / .XXX ± 0.05; angles 0°±2°	projection	title MODULEMATE CONNECTOR ASSEMBLY
	dr KENNY TAI 05/09/01	MM	product family MODULEMATE; code
	engr KENNY TAI 05/09/01		size A3;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

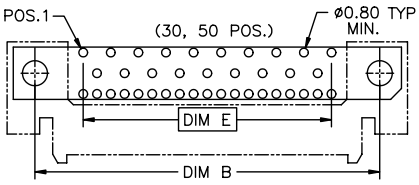
form no. 7530-001-104

PDM: Rev:K STATUS: Released Printed: Nov 09, 2010

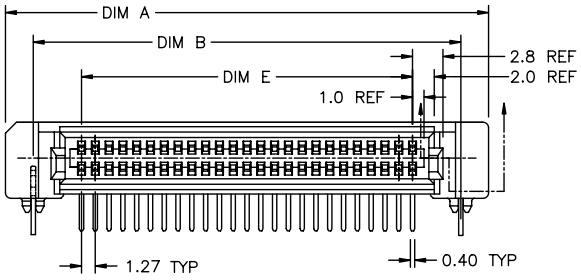
PRODUCT NO.	POS.	DIM A	DIM B	DIM E	COMMENTS
95757-028	20	25.43	20.32	11.43	NOT TOOLED
-038	30	31.78	26.67	17.78	
-048	40	38.13	33.02	24.13	
-058	50	44.48	39.37	30.48	
-068	60	50.83	45.72	36.83	
-088	80	63.53	58.42	49.53	
-108	100	76.23	71.12	62.23	
95757-128	120	88.93	83.82	74.93	

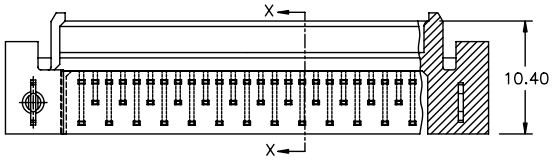
RIGHT ANGLE RECEPTACLE WITH HOOK SHOWN ON THIS SHEET

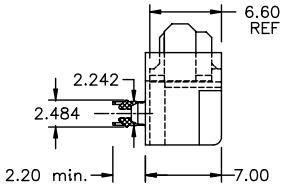


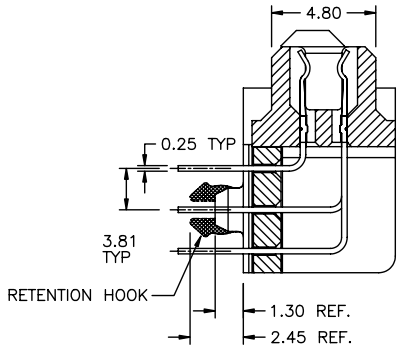


RECOMMENDED PCB LAYOUT









SECTION X-X
4/1

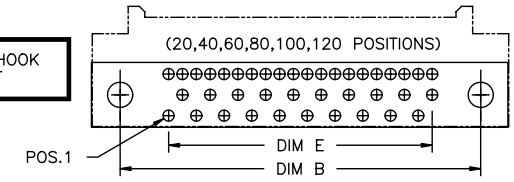
mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ± 0.3				
J					.XX ± 0.13		projection	title	MODULEMATE CONNECTOR ASSEMBLY
					.XXX ± 0.05				
				angles	0°±2°				
				dr	KENNY TAI	05/09/01	MM	product family MODULEMATE	code
				engr	KENNY TAI	05/09/01		size dwg no	
				chr	KENNY TAI	05/09/01	scale	A3 95747	sheet 5 of
				appd	PAUL WANG	05/09/01	---		
sheet index	revision sheet								

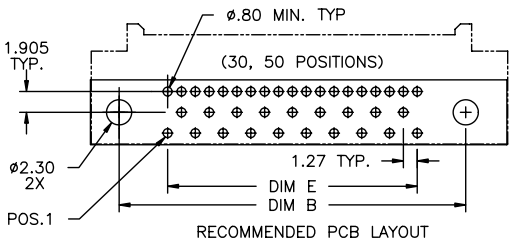
form no. 7530-001-104

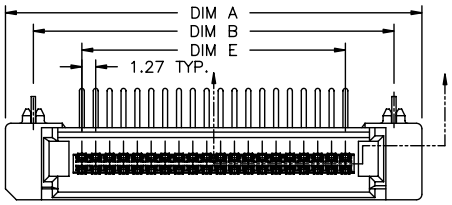
PDM: Rev:K STATUS: Released Printed: Nov 09, 2010

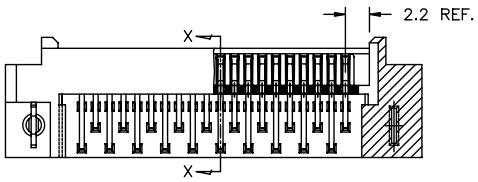
PRODUCT NO.	POS.	DIM A	DIM B	DIM E	COMMENTS
95747-028/028LF	20	25.43	20.32	11.43	AVAILABLE
-038	30	31.78	26.67	17.78	NOT TOOLED
-048	40	38.13	33.02	24.13	AVAILABLE
-058	50	44.48	39.37	30.48	
-068	60	50.83	45.72	36.83	
-088	80	63.53	58.42	49.53	NOT TOOLED
-108	100	76.23	71.12	62.23	
95747-128	120	88.93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

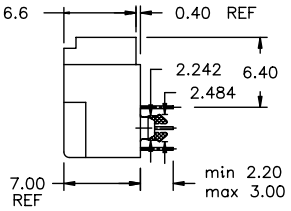
RIGHT ANGLE HEADER WITH HOOK SHOWN ON THIS SHEET

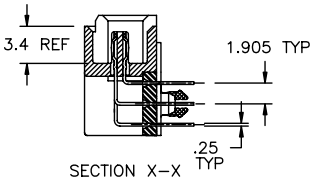


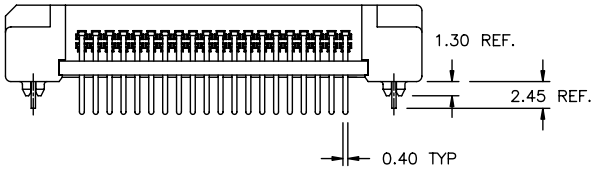












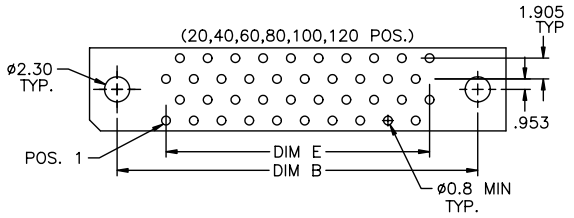
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	www.fciconnect.com
ltr	ecn no	dr	date	linear	.X ± 0.3		
K					.XX ± 0.13	projection	title MODULEMATE CONNECTOR ASSEMBLY
					.XXX ± 0.05		
				angles	0°±2°		
				dr	KENNY TAI 05/09/01	MM	product family MODULEMATE code
				engr	KENNY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

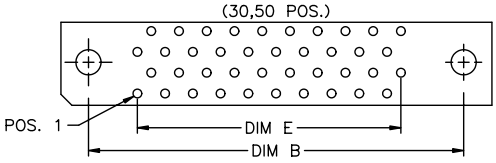
form no. 7530-001-104

PDM: Rev:K STATUS: Released Printed: Nov 09, 2010

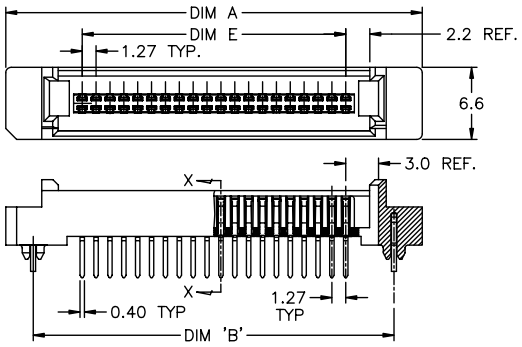
PRODUCT NO.	POS.	DIM A	DIM B	DIM E	STYLE	COMMENTS
95748-025	20	25.43	20.32	11.43	STYLE I	NOT TOOLED
-035	30	31.78	26.67	17.78		
-045	40	38.13	33.02	24.13		
-055	50	44.48	39.37	30.48		
-065	60	50.83	45.72	36.83		
-085	80	63.53	58.42	49.53		
-105	100	76.23	71.12	62.23		
95748-125	120	88.93	83.82	74.93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

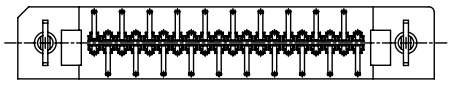
VERTICLE HEADER WITH HOOK SHOWN ON THIS SHEET

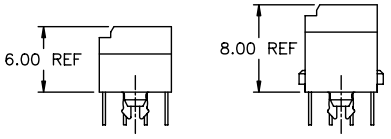




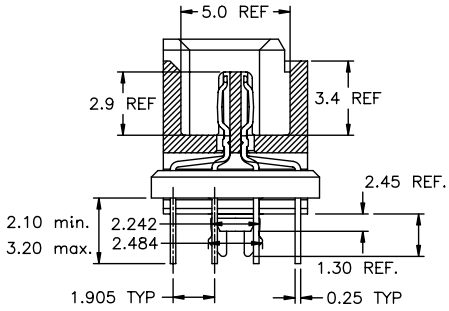
RECOMMENDED PCB LAYOUT







STYLE I STYLE II



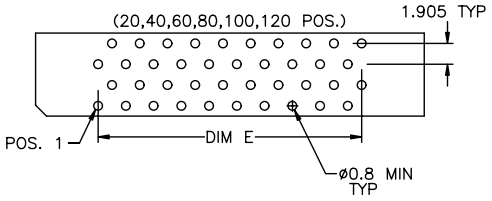
SECTION X-X

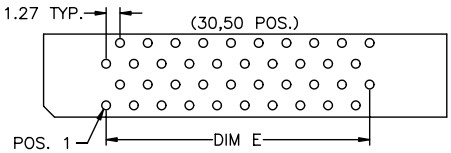
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	www.fciconnect.com
ltr	ecn no	dr	date	linear	.X ± 0.3		
J					.XX ± 0.13	projection	title: MODULEMATE CONNECTOR ASSEMBLY
					.XXX ± 0.05		
				angles	0°±2°		
				dr KENNY TAI	05/09/01	MM	product family: MODULEMATE / code
				engr KENNY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

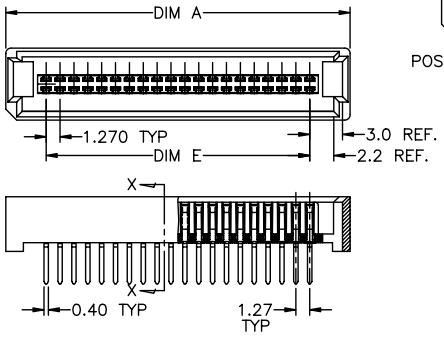
PDM: Rev:K STATUS: Released Printed: Nov 09, 2010

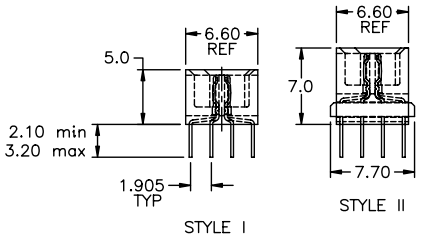
PRODUCT NO.	POS.	DIM A	DIM E	STYLE	COMMENTS
95749-025	20	18.83	14.23	STYLE I	NOT TOOLED
-035	30	25.48	20.58		
-045	40	31.53	26.93		
-055	50	37.88	33.28		
-065	60	44.23	39.63		
-085	80	56.93	52.33		
-105	100	69.63	65.03		
-125	120	82.33	77.73		
-027	20	18.83	14.23	STYLE II	
-037	30	25.48	20.58		
-047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

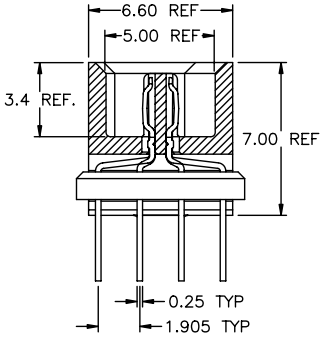
VERTICLE HEADER WITHOUT HOOK SHOWN ON THIS SHEET



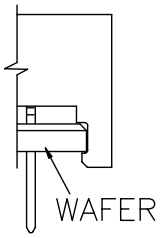




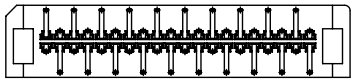




SECTION X-X



STYLE II
SCALE 4:1



mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com			
ltr	ecn no	dr	date	linear	.X ± 0.3						
J					.XX ± 0.13		projection	title	MODULEMATE CONNECTOR ASSEMBLY		
					.XXX ± 0.05						
				angles	0°±2°		MM	product family	MODULEMATE	code	
				dr	KENNY TAI	05/09/01		size	dwg no		
				engr	KENNY TAI	05/09/01		A3	95747		
				chr	KENNY TAI	05/09/01	scale ---				sheet 8 of
				appd	PAUL WANG	05/09/01					
sheet index	revision sheet										