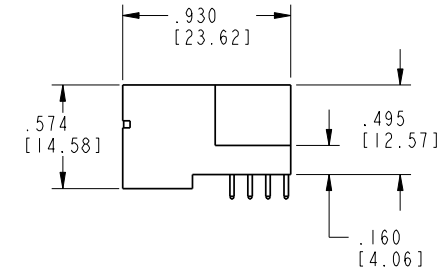
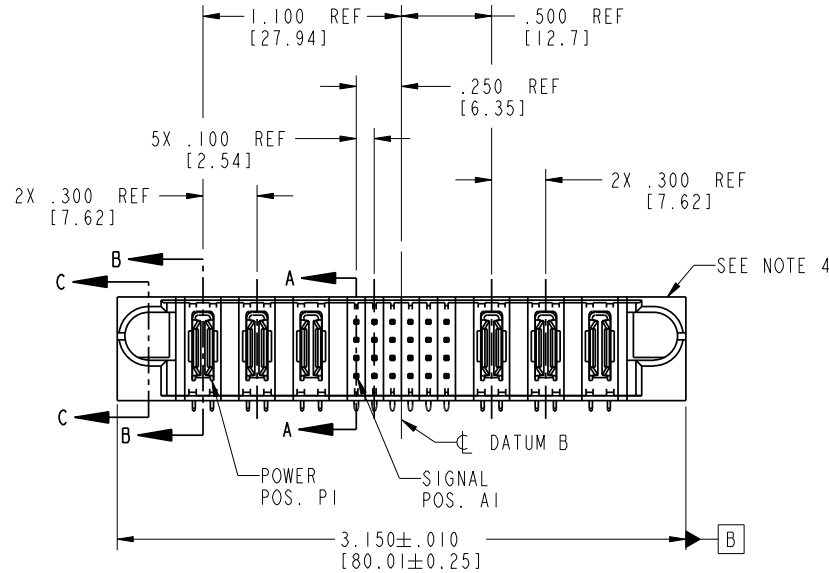


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

A
FCI

All rights strictly reserved. Reproduction or issue to third parties in any form without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NO.	ROW S	POWER				SIGNAL						POWER			E2
		E1	P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
51939-193-- NOTE:③	D C B A		PA	PA	PA	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	PA	PA	PA	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
R	.270 [6.86]	SIGNAL
H	.220 [5.59]	SIGNAL
PA	N/A [N/A]	POWER

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com													
lir		ecn no.		dr		date		linear linear angles dr engr chr appd		.XX±.01/0.X±0.3 .XXX±.005/0.XX±0.13 .XXX±.0020/0.XXX±0.051 0°±2°				COPY projection 				title 3ACP + 24S + 3ACP RIGHT ANGLE SOLDER HEADER											
A		DG05-0128		GuoJM		05/25/05				STEVEN WANG 05/25/05				INCH/MM				product family VICTOR LIN				code 213							
B		DG06-0001		RYAN		01/06/06				STEVEN WANG 05/25/05				scale 1:1				size A				dwg no 51939-193				sheet 1 of 4			
										VICTOR LIN 05/25/05																			
										JOSEPH HSIA 05/25/05																			
sheet index		revision sheet		B 1		B 2		B 3		B 4																			

sheet index	revision	B	B	B	B														
	sheet	1	2	3	4														

Pro/E

cage code 22526

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

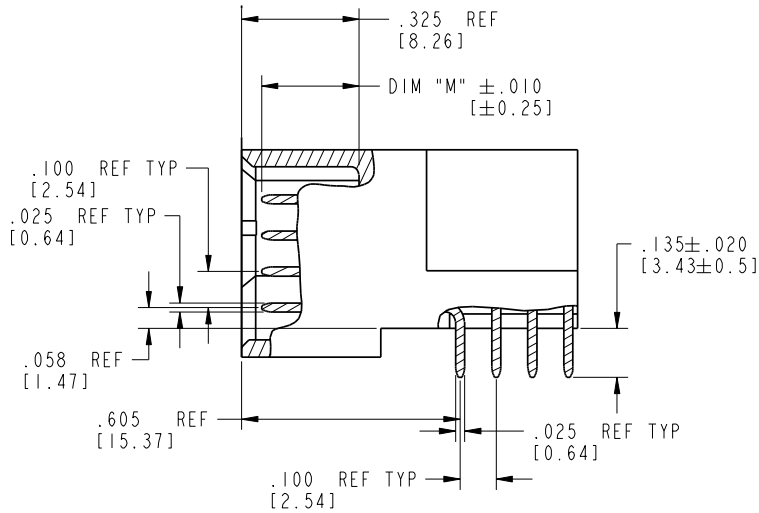
A FCI

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

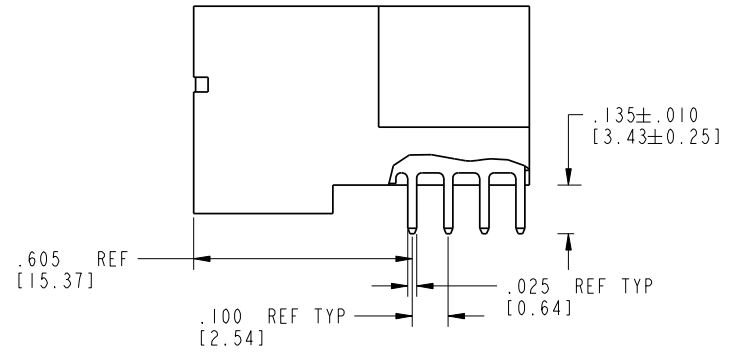
A

B

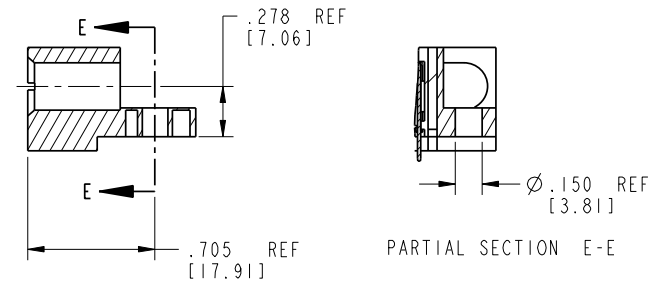
PRODUCT NUMBER
51939-193--
NOTE: (3)



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

PARTIAL SECTION E-E

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
SEE NOTE 2						COPY		www.fciconnect.com	
lir	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	projection		title	3ACP + 24S + 3ACP
B					.XXX±.005/0.XX±0.13			RIGHT ANGLE SOLDER HEADER	
				angles	.XXX±.0020/0.XXX±0.051			product family	VICTOR LIN
				dr	STEVEN WANG 05/25/05	INCH/MM		size	213
				enr	STEVEN WANG 05/25/05	scale		dwg no	51939-193
				chr	VICTOR LIN 05/25/05	1:1			sheet
				appd	JOSEPH HSIA 05/25/05				2 of 4
sheet index	revision	sheet							

A

B

1 | 2

Pro/E

3 |

cage code 22526

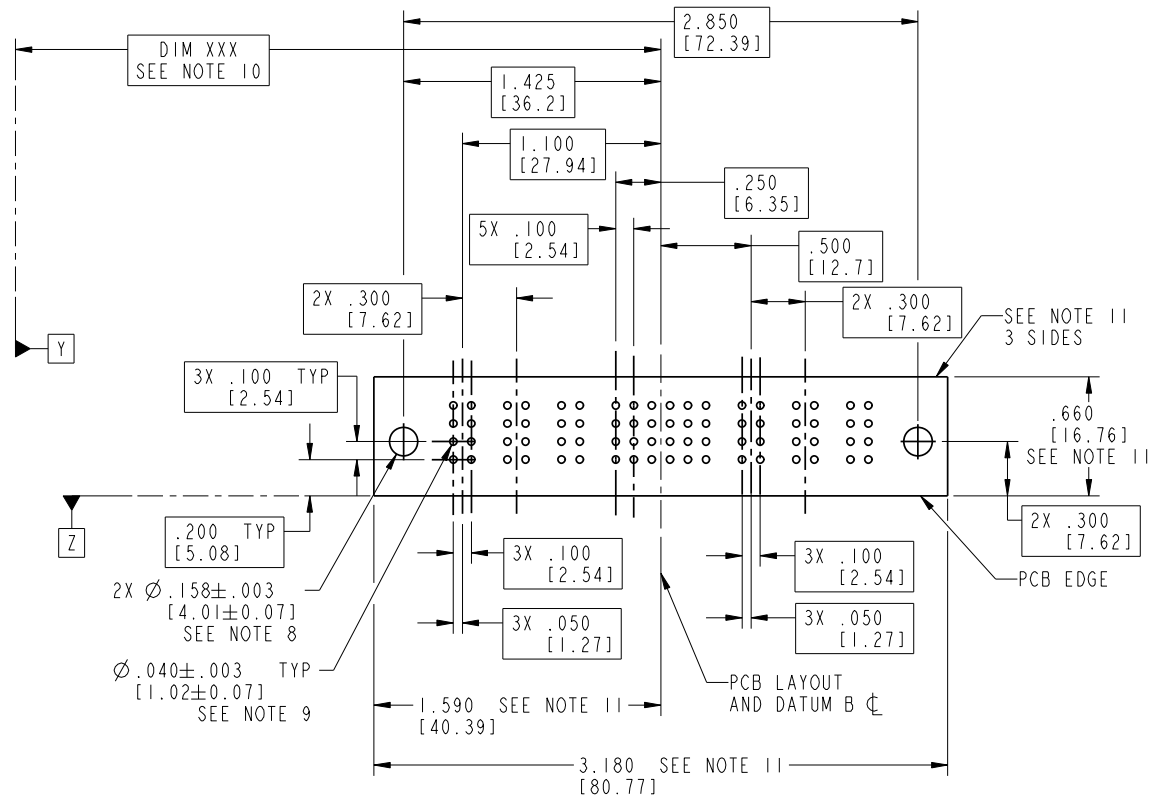
4

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sans quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

A
FCI

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51939-193--
NOTE: (3)



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lir	ecn no.	dr	date	linear	angular	projection	INCH/MM	title	product family	code	size
B				.XX±.01/0.X±0.3	0°±2°	RIGHT ANGLE	1:1	3ACP + 24S + 3ACP	VICTOR LIN	213	A
				.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER			
				.XXX±.002/0.XXX±0.051							
				dr	engr	chr	appd				
				STEVEN WANG	STEVEN WANG	VICTOR LIN	JOSEPH HSIA				
				05/25/05	05/25/05	05/25/05	05/25/05				
sheet index	revision sheet										

Pro/E

code code 22526

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

A
FCI

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

A

B

PRODUCT NUMBER	
51939-193--	
NOTE: (3)	
NOTES:	
1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.	
CONNECTOR NOTES:	
(2) HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC	
POWER CONTACT MATERIAL: COPPER ALLOY	
SIGNAL PIN MATERIAL: COPPER ALLOY	
3. PLATING:	
51939-193: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA	
51939-193LF: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA	
PART NUMBER 51939-193LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.	
THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.	
(4) MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.	
5. PRODUCT SPECIFICATION GS-12-149. APPLICATION SPECIFICATION BUS-20-067.	
6. PACKAGED IN TRAYS.	
PCB NOTES:	
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.	
(8) MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.	
(9) Ø.0453±.0010 [1.151±0.025] DRILLED HOLES PLATED WITH .0003 [0.008] MIN SnPb OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE Ø.040±.003 [1.02±.07] HOLE.	
(10) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.	
(11) CONNECTOR KEEP-OUT ZONE.	

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lfr	ecn no.	dr	date	linear	angles	projection	title	product family	code
B							3ACP + 24S + 3ACP RIGHT ANGLE SOLDER HEADER	VICTOR LIN	213
								size	sheet
								51939-193	4 of 4
sheet index	revision	sheet							

sheet index		revision		sheet	

Pro/E		3		4	

cage code		22526		4	

A

B