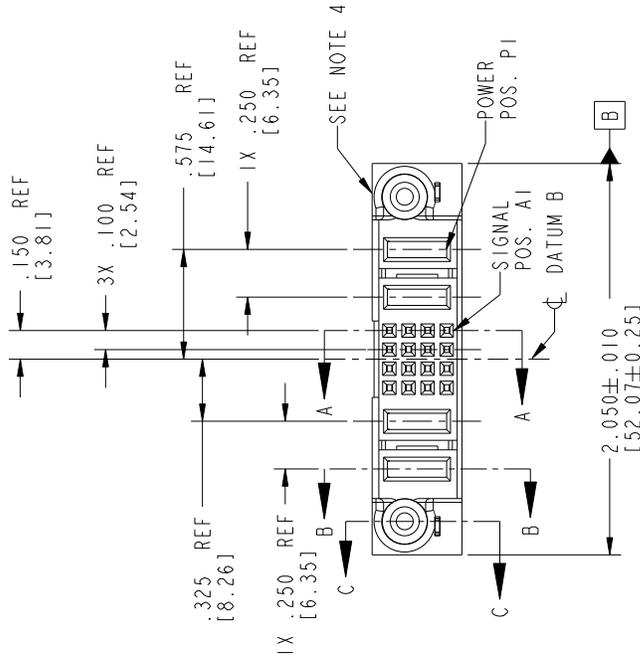


3

1 | 2

4

PRODUCT NO.	51750-067	NOTE 3	POWERSIGNALPOWER			
ROWS	D	C	B	A	E1	
	PA	PD	EEEEE	EEEEE	PA	PD
	PA	PD	EEEEE	EEEEE	PA	PD



Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sans quelque forme que ce soit sans autorisation ecrite du proprietaire. Propriete de c FCI. Droits de reproduction 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.

PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010

mat'l code		SEE NOTE 2		Tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	projection	title	2P + 16S + 2P		
A	DG05-0189	LH	06/24/05	angles	.XXX±.0020/0.XXX±0.051			VERTICAL SOLDER RECEPT	product family	PwrBl code	
				engr	0±2°			INCH/MM	size	213	sheet
				chr	LH 06/24/05			scale	1:1	1 of 4	
				appd	VICTOR LIM 06/24/05				A	51750-067	
sheet index	revision	A	A	A	JOSEPH HSTA 06/24/05						
	sheet	1	2	3	4						

CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
PA	.042 [1.07]	POWER
HA	N/A [N/A]	HOLD-DOWN
PD	.092 [2.34]	POWER

1 | 2

Pro/E

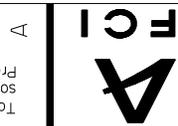
3

4

code code 22526

PRODUCT NUMBER
51750-067--
NOTE (3)

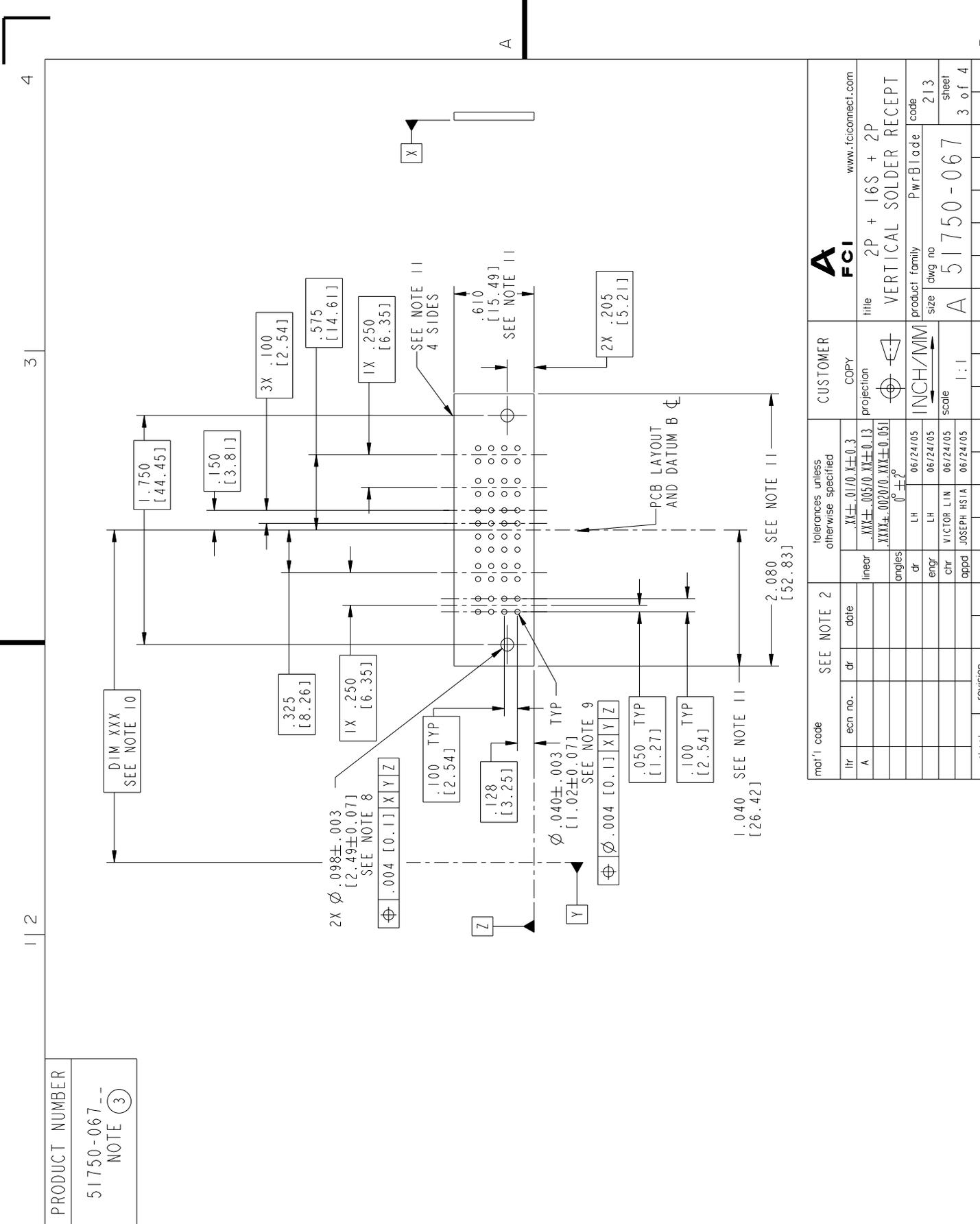
Tous droits strictement reserves. Reproduction ou communication a des tiers interdite
sous quelque forme que ce soit sans autorisation ecrite du proprietaire.
Propriete de c FCI. Droits de reproduction FCI.



PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010



mat'l code		SEE NOTE 2		Tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	title	www.fciconnect.com	
A				angles	.XX±.005/0.X±0.13	projection	VERTICAL SOLDER RECEPT	2P + 16S + 2P	
				dr	.XX±.0020/0.XX±0.051	INCH/MM	product family	code	
				engr	0±	scale	PwrBl code	size	
				chr	LH 06/24/05	1:1	51750-067	213	
				appd	LH 06/24/05		A	sheet	
sheet index	revision				JOSEPH H S I A 06/24/05			3 of 4	
	sheet								

1 | 2 3 | 4

1 | 2 3 | 4

Pro/E

code code 22526

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

PRODUCT NUMBER
51750-067--
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:

51750-067: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE WHOLE 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

51750-067LF: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE WHOLE 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 51750-067LF 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 $\varnothing .0453 \pm .0010$ [1.151 \pm 0.025] DRILLED HOLES PLATED WITH

$.0003$ [0.008] MIN SnPb OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE $\varnothing .040 \pm .003$ [1.02 \pm .07] HOLE.

10 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11 CONNECTOR KEEP-OUT ZONE.

A



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

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI	
lhr	ecn no.	dr	date	linear	angles	dr	engr	chr	appd
A				.XX \pm .01/0.X \pm 0.3	0 \pm 2°				
				.XXX \pm .005/0.XX \pm 0.13					
				.XXX \pm .0020/0.XXX \pm 0.051					
				LH	06/24/05				
				LH	06/24/05				
				VICTOR LHM	06/24/05				
				JOSEPH HSTA	06/24/05				
sheet index	revision	sheet							

title	2P + 16S + 2P	www.fciconnect.com
product size	VERTICAL SOLDER RECEPT	
product family	2P + 16S + 2P	
product size	A	
product size	51750-067	
product size	213	
product size	4 of 4	

B