

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)
[51940-234LF](#)

For any questions, you can email us directly:

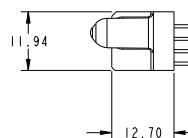
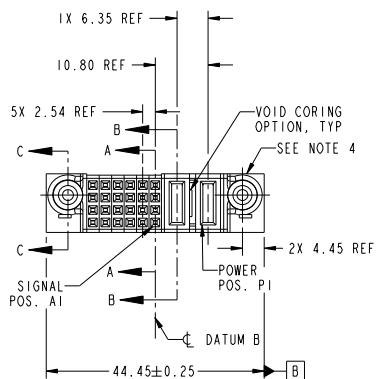
sales@integrated-circuit.com

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PRODUCT NO.	ROWS	1 2									
		SIGNAL	POWER								
51940-234-..	DATA	E2	4	5	4	3	2	1	P2	P1	E1
NOTE: 3									PD	PA	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
PA	[1.07]	POWER
PD	[2.34]	POWER

mat'l code				SEE NOTES 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear		0.X ± 0.3		COPY		www.fciconnect.com	
A	DG07-0341	SH	08/23/07			0.XX ± 0.13		projection			
				angles		0.XXX ± 0.051					
				dr	Sincere He	08/23/07		MM			
				engr	Sincere He	08/23/07		scale			
				chr	Gary Hsieh	08/23/07					
				appd	Joseph Hsiao	08/23/07					
sheet index	revision sheet	A	A	A	A	A	A				
		1	2	3	4						

Pro/E

cage code 22526

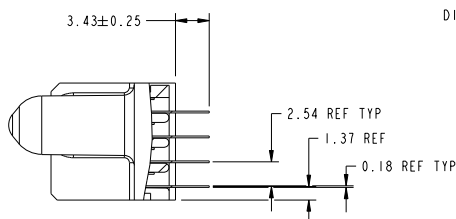
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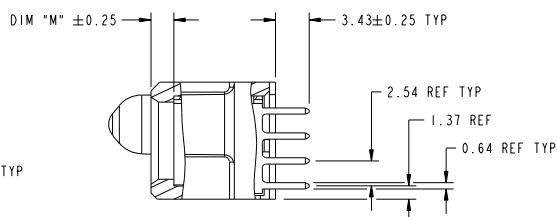
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PRODUCT NUMBER

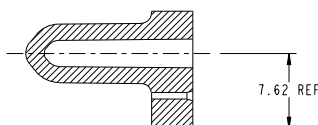
51940-234-
NOTE: 3



SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ± 0.3	COPY		www.fciconnect.com	
A				linear	0.XX ± 0.13	projection			
				linear	0.XXX ± 0.051				
				angles	0° ± 2°				
				dr	Sincere He 08/23/07				
				engr	Sincere He 08/23/07				
				chr	Gary Hsieh 08/23/07				
				appd	Joseph Hsia 08/23/07				
sheet index	revision sheet					scale	1:1		



www.fciconnect.com

title 2P + 24S
VERTICAL SOLDER RECEPT

product family PwrBlade code

size dwg no 51940-234 sheet 213

2 of 4

cage code 22526

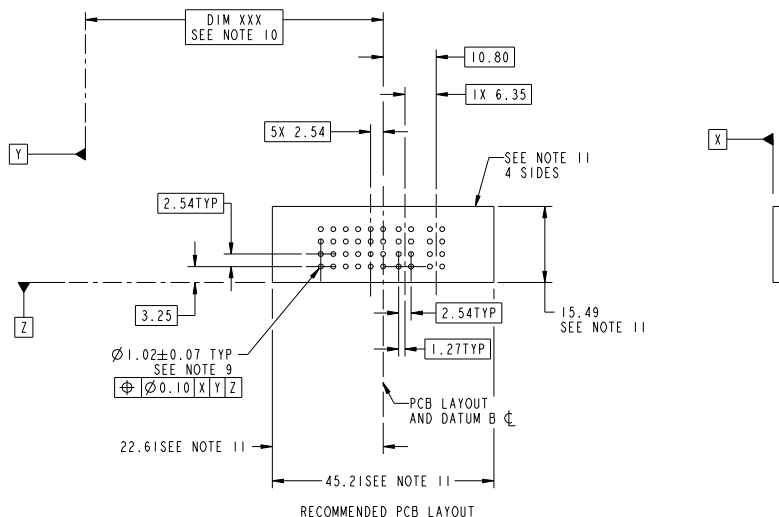
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PRODUCT NUMBER

51940-234-
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ± 0.3	0.XX ± 0.13	0.XXX ± 0.051	projection	title	www.fciconnect.com	
A									2P + 24S		
				angles	0° ± 2°				VERTICAL SOLDER RECEPT		
				dr	Sincere He	08/23/07			product family	PwrBlade	code
				engr	Sincere He	08/23/07			size	dwg no	213
				chr	Gary Hsieh	08/23/07			51940-234		sheet
				appd	Joseph Hsia	08/23/07			scale	1:1	3 of 4
sheet index	revision	sheet									

Pro/E

cage code 22526

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PRODUCT NUMBER

51940-234-
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:

51940-234: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON CONTACT AREA
AND 100u"/2.54um Sn Pb OVER 50u"/1.27um Ni ON PCB INTERFACE
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON CONTACT AREA
AND 100u"/2.54um Sn Pb OVER 50u"/1.27um Ni ON PCB INTERFACE

51940-234LF: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON PCB INTERFACE
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON PCB INTERFACE

PART NUMBER 51940-234LF 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 $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN Sn Pb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ HOLE.

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

⑪ CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecm no.	dr	date					COPY		www.fciconnect.com	
A				linear		$0.X \pm 0.3$		projection			
						$0.XX \pm 0.13$					
				angles		$0.XXX \pm 0.051$					
						$0^\circ \pm 2^\circ$					
				dr	Sincere He	08/23/07					
				engr	Sincere He	08/23/07					
				chr	Gary Hsieh	08/23/07					
				appd	Joseph Hsia	08/23/07					
sheet index	revision sheet							scale	1:1		

CUSTOMER		FCI	
title	2P + 24S		
	VERTICAL SOLDER RECEPT		
product family	PwrBlade	code	
size	dwg no		
A	51940-234	213	
		sheet	
		4 of 4	

cage code 22526