

## Excellent Integrated System Limited

Stocking Distributor

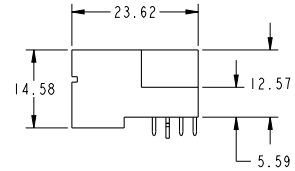
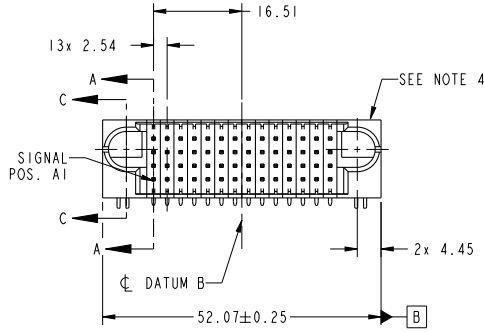
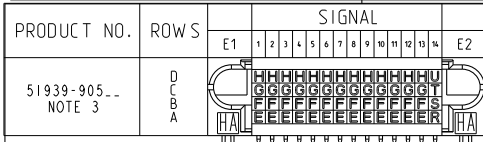
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)

[51939-905LF](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	[5.59]	SIGNAL
G	[5.59]	SIGNAL
F	[5.59]	SIGNAL
E	[5.59]	SIGNAL
R	[6.86]	SIGNAL
S	[6.86]	SIGNAL
T	[6.86]	SIGNAL
U	[6.86]	SIGNAL
HA	[N/A]	HOLD-DOWN

spec ref	*	dr	Luo Weller	2014/07/11	projection	MM	size	A4	scale	1:1										
tolerance std	ASME Y14.5	eng	Luo Weller	2014/07/28		PwrBlade	ecp no	-	rel level	Released										
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			product family	rel level	Released											
surface	<table border="1"> <tr><td>linear</td><td>0.X</td><td>±0.5</td></tr> <tr><td></td><td>0.XX</td><td>±0.25</td></tr> <tr><td></td><td>0.XXX</td><td>±0.1</td></tr> <tr><td>angular</td><td>0°</td><td>±2°</td></tr> </table>	linear	0.X	±0.5		0.XX	±0.25		0.XXX	±0.1	angular	0°	±2°	appr	Pei-Ming Zheng	2014/07/28	product family	PwrBlade	rel level	Released
linear	0.X	±0.5																		
	0.XX	±0.25																		
	0.XXX	±0.1																		
angular	0°	±2°																		
ASME Y14.5		www.fci.com	cat. no.	-	product	Customer Drw	sheet	1 of 4												
			title	56S	product family	PwrBlade	rel level	Released												
			type	RIGHT ANGLE SOLDER HEADER	product family	PwrBlade	rel level	Released												
			dwg no	51939-905	product family	PwrBlade	rel level	Released												
			rev	A	product family	PwrBlade	rel level	Released												

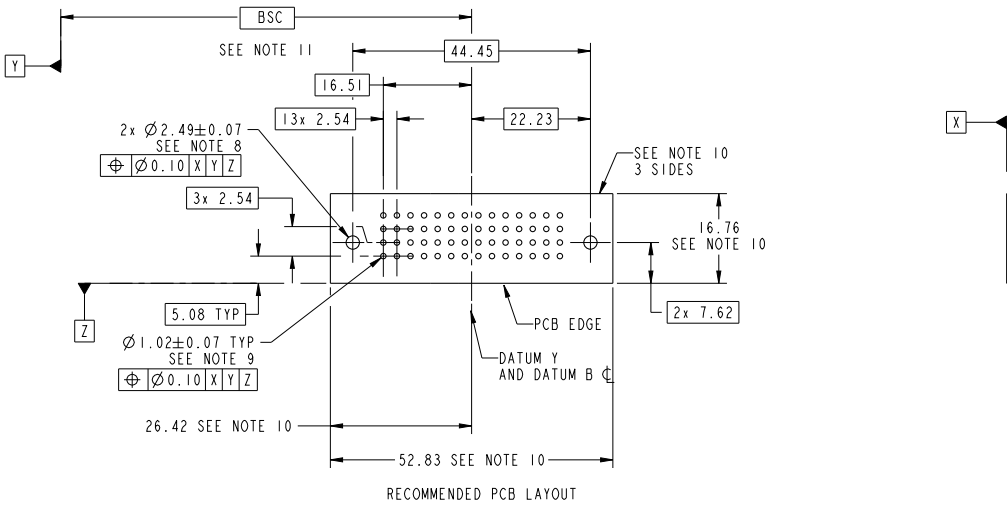


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PRODUCT NUMBER  
51939-905...  
NOTE: 3



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dr	Luo Weller	2014/07/11	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2014/07/28			ecn no	-	rel level	
chr	-	-			product family	PwrBlade	Released	
appr	Pei-Ming Zheng	2014/07/28				title	56S	dwg no
www.fci.com			cat. no.			-		Product - Customer Drw
						rev	A	sheet 3 of 4

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**PRODUCT NUMBER**

51939-905\_..  
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. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-905 AND 51939-905LF RESPECTIVELY.
  - ④. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE 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 SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE  $\varnothing 1.02 \pm 0.07$  HOLE.
  - ⑩. CONNECTOR KEEP-OUT ZONE.
  - ⑪. DATUM AND BASIC DIMENSIONS ARE ESTABLISHED BY CUSTOMER.

dr	Luo Weller	2014/07/11	projection		MM	size	A4	scale	1:1	
eng	Luo Weller	2014/07/28	chr			-	ecn no	-		
appr	Pei-Ming Zheng	2014/07/28	product family	PwrBlade		rel level	Released			
			title	56S		dwg no	51939-905		rev	A
www.fci.com			cat. no.	-		Product - Customer Drw		sheet 4 of 4		

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