

Excellent Integrated System Limited

Stocking Distributor

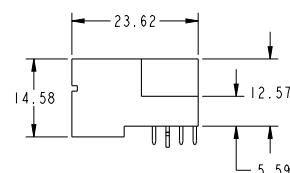
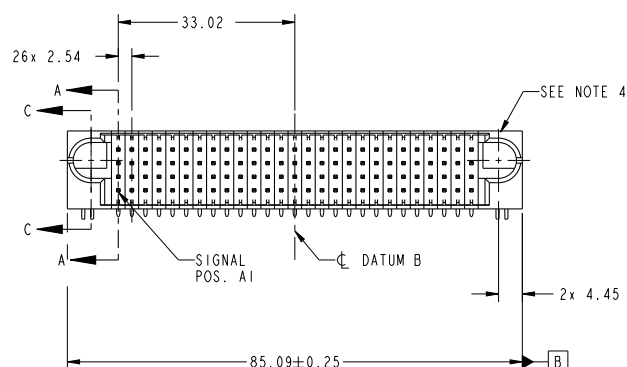
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[51939-903LF](#)

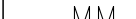
For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NO.	ROWS	SIGNAL																												E2	
		E1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		
51939-903-- NOTE 3	D C B A		H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	
			H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	
			H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	
			H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	H	G	

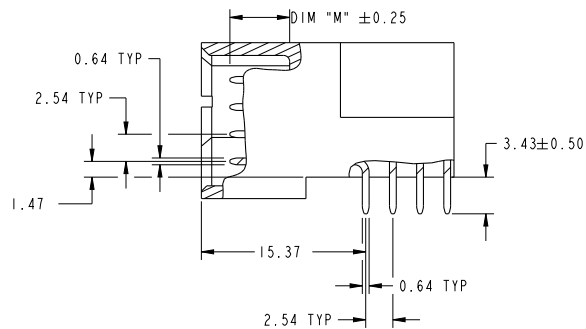


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	[5.59]	SIGNAL
G	[5.59]	SIGNAL
F	[5.59]	SIGNAL
E	[5.59]	SIGNAL
R	[6.86]	SIGNAL
S	[6.86]	SIGNAL
T	[6.86]	SIGNAL
U	[6.86]	SIGNAL
HA	[N/A]	HOLD-DOWN

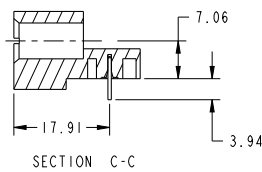
spec ref				*		dr		Luo Weller		2014/07/10				projection				MM		HA		(N/A)		HOLD-DOWN	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Luo Weller		2014/07/28				size		A4		scale		1:1					
ASME Y14.5						chr		-		-				ecn no		-									
						appr		Pei-Ming Zheng		2014/07/28		product family				PwrBlade				rel level		Released			
		linear		0.X		±0.5				title		108S				dwg no		51939-903				rev			
				0.XX		±0.25																			
				0.XXX		±0.1																			
ASME Y14.5		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw				sheet 1 of 4							

PRODUCT NUMBER

51939-903_
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



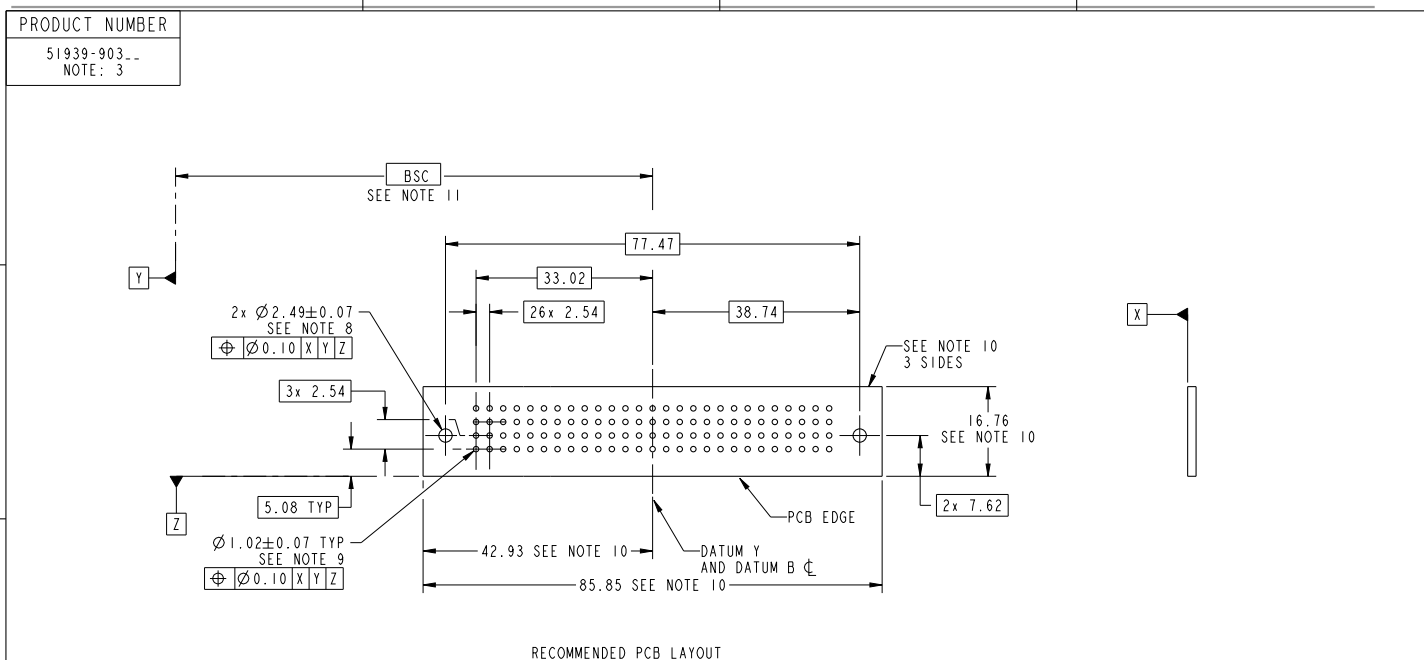
dr	Luo Weller	2014/07/10	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2014/07/28			ecn no	-	rel level	Released
chr	-	-						
appr	Pei-Ming Zheng	2014/07/28	product family	PwrBlade				
			title		dwg no		rev	
			108S		51939-903		A	
			RIGHT ANGLE SOLDER HEADER					
www.fci.com			cat. no.		Product - Customer Drw		sheet 2 of 4	

Part File : REV C - 2009-08-09

PDS: Rev :A

STATUS:Released

Printed: Jul 28, 2014



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2014/07/10			size	A4	scale	1:1
eng	Luo Weller	2014/07/28			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/07/28	product family	PwrBlade				
		title 108S RIGHT ANGLE SOLDER HEADER			dwg no 51939-903		rev A	
www.fci.com	cat. no.	-	Product - Customer Drw			sheet 3 of 4		

PRODUCT NUMBER

51939-903-
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 51939-903 AND 51939-903LF 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	2014/07/10	projection	MM	size	A4	scale	1:1			
eng	Luo Weller	2014/07/28			ecn no	-					
chr	-	-									
appr	Pei-Ming Zheng	2014/07/28	product family		PwrBlade	rel level			Released		
			title			108S		dwg no		51939-903	rev
			RIGHT ANGLE SOLDER HEADER								A
www.fci.com			cat. no.		-	Product - Customer Drw				sheet 4 of 4	

Print File : REV C - 2009-06-09