

## Excellent Integrated System Limited

Stocking Distributor

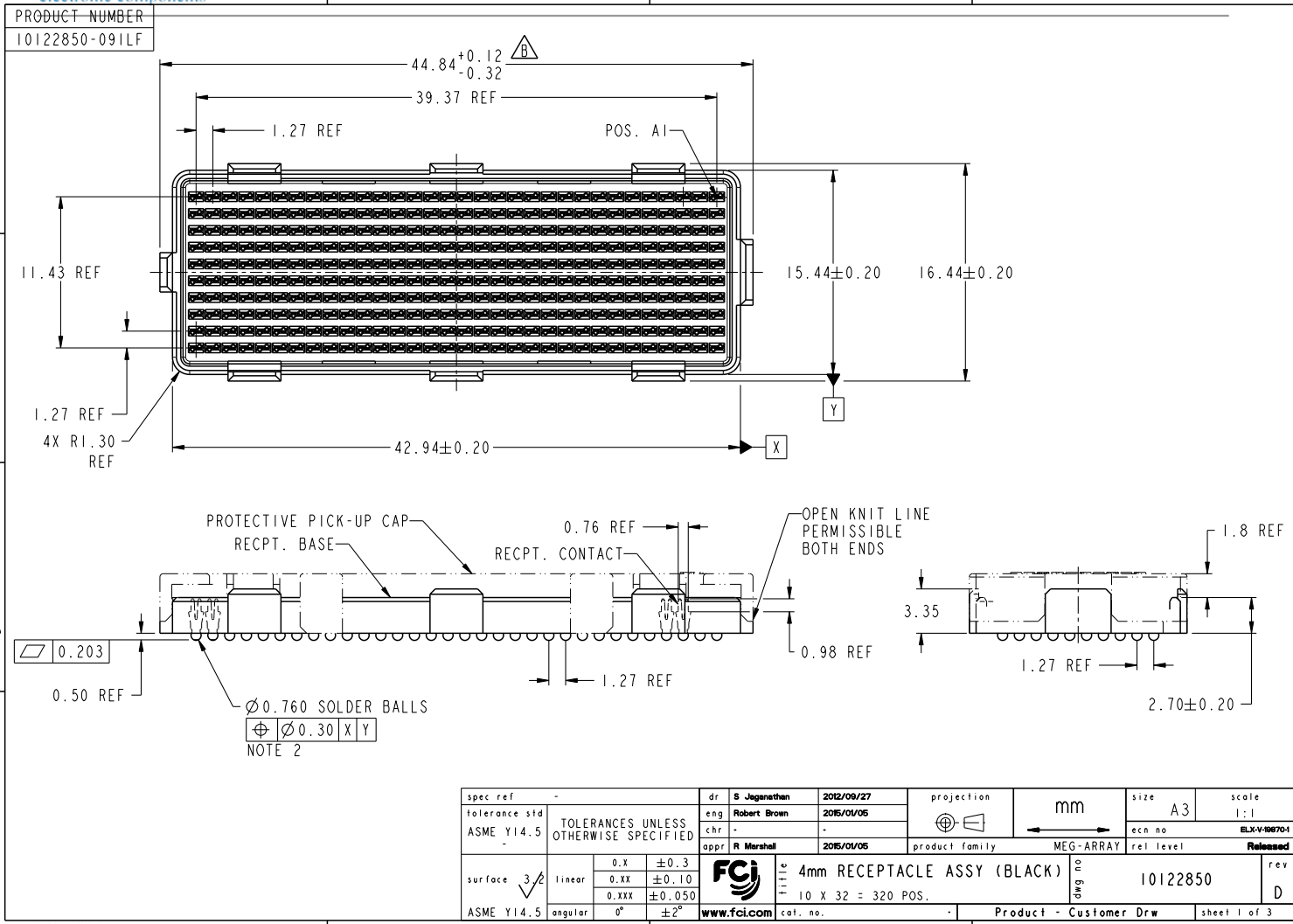
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)

[10122850-091LF](#)

For any questions, you can email us directly:

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



FCI  
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spec ref	-	dr	S Jagannathan	2012/09/27	projection	mm	size	A3	scale	1:1
tolerance std	ASME Y14.5	eng	Robert Brown	2015/01/05	chr	-	ecn no	BLX-V-198701	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	R Marshall	2015/01/05	product family	MEG-ARRAY	rel level	Released		
surface	3.2	linear	0.X	$\pm 0.3$	FCI	title	4mm RECEPTACLE ASSY (BLACK)	dwg no	10122850	rev
			0.XX	$\pm 0.10$	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 3	D
		angular	0°	$\pm 2^\circ$						

Print Date - REV C - 2009-04-09

PRODUCT NUMBER  
10122850-091LF

A

B

C

D

A

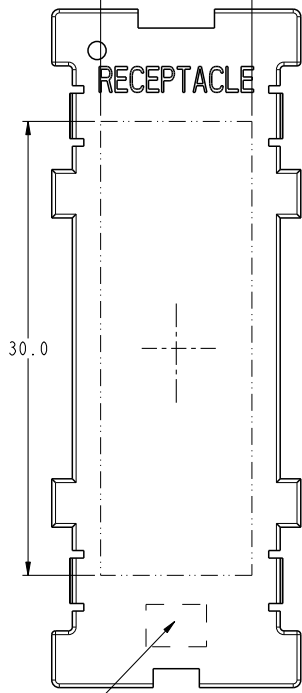
B

C

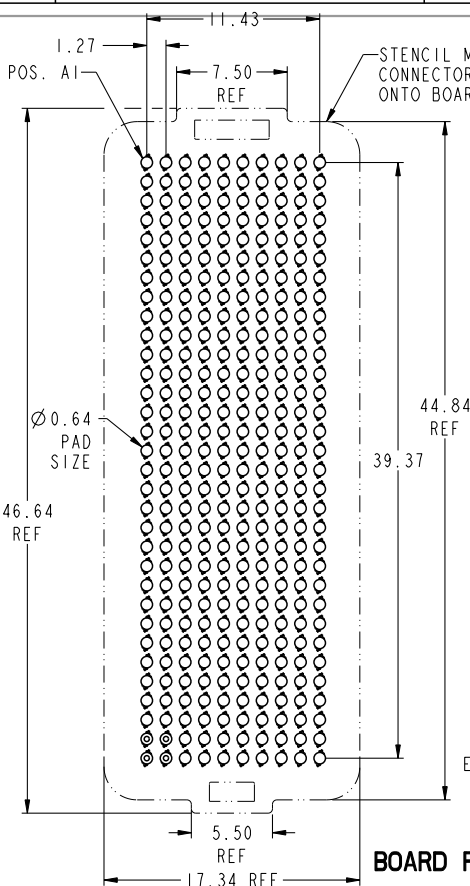
D



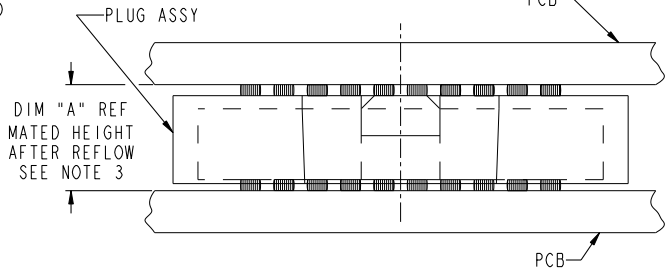
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FLAT AREA FOR PICK-UP CAP

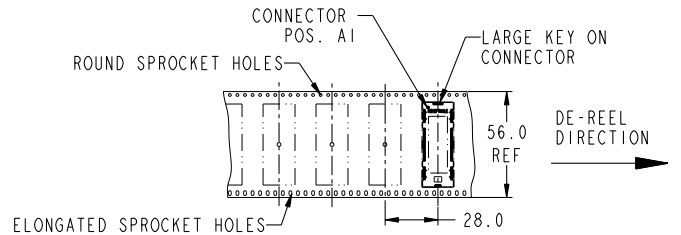


BOARD PATTERN



MATED HEIGHT AFTER REFLOW IS BASED ON Ø 0.64mm PAD (METAL-DEFINED) AND 0.13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3

END VIEW - MATED CONNECTORS  
SCALE NONE



TAPE & REEL PACKAGING  
PER EIA 481-3  
SCALE NONE

MATED HEIGHT TABLE

DIM "A"	PLUG ASSY. P/N	RECPT. ASSY. P/N
4.0	10122849	10122850

spec ref	-	dr	S Jagannathan	2012/06/27	projection	mm	size	A3	scale	1:1			
tolerance std	ASME Y14.5	eng	Robert Brown	2015/01/05		mm	ecn no	BLX-V-98701	rel level	Released			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr							R Marshall	2015/01/05	product family
surface	3.2	linear	0.X	±0.3		TITLE 4mm RECEPTACLE ASSY (BLACK) 10 X 32 = 320 POS.	DWG no 10122850	rev D	Product - Customer Drw				
		linear	0.XX	±0.10					www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 3
		angular	0°	±2°									

Print File - REC - 2009-04-09

1

2

3

PDS: Rev :D

STATUS:Released

Printed: Jan 06, 2015

PRODUCT NUMBER  
10122850-091LF

NOTES:

- ① MATERIAL:  
HOUSING: LCP-BLACK.  
CONTACT: COPPER ALLOY  
  
PLATING:  
CONTACT: 15μ" (0.38μm) GXT OVER Ni UNDERPLATE  
(GOLD SUBSTITUTION PERMISSABLE)  
SOLDER BALL: LEAD FREE 95.5Sn/4Ag/0.5Cu
- ② SOLDER BALLS WILL NOT HAVE PERFECT SPHERICAL SHAPES DUE TO REFLOW ATTACHMENT.
- ③ MATED HEIGHT WHEN MATED WITH 10122849-002LF WILL BE APPROXIMATELY 4mm. MATED HEIGHT WILL BE EFFECTED BY CUSTOMER'S PCB DESIGN AND REFLOW PROCESS.
- ④ FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033 LEAD FREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS DUE TO A HIGHER REFLOW TEMPERATURE. LEAD FREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION.
- ⑤ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.
- ⑥ CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.

spec ref	-	dr	S Jagannathan	2012/09/27	projection	mm	size	A3	scale	1:1
tolerance std	ASME Y14.5	eng	Robert Brown	2015/01/05			ecn no	ELX-V-9870-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	2015/01/05						
surface	3, 2	appr	R Marshall	2015/01/05			cat. no.	10122850	rev	D
ASME Y14.5	angular	0°	±2°	<b>4mm RECEPTACLE ASSY (BLACK)</b> 10 X 32 = 320 POS.		Product - Customer Drw	sheet 3 of 3			

Print File - REV C - 2009-04-09

1

2

3

PDS: Rev :D

STATUS:Released

Printed: Jan 06, 2015

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