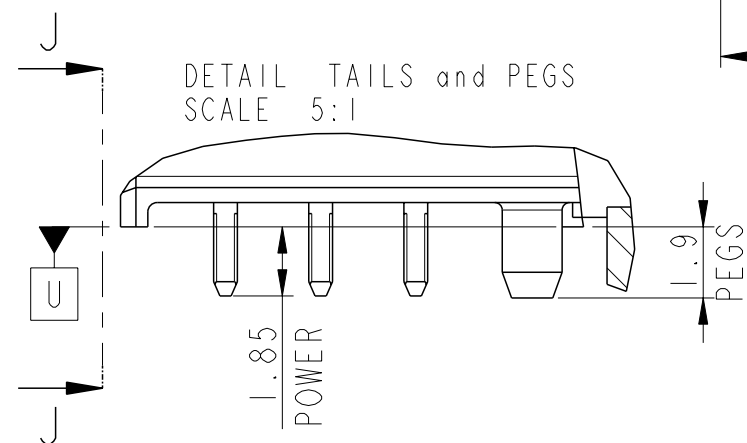
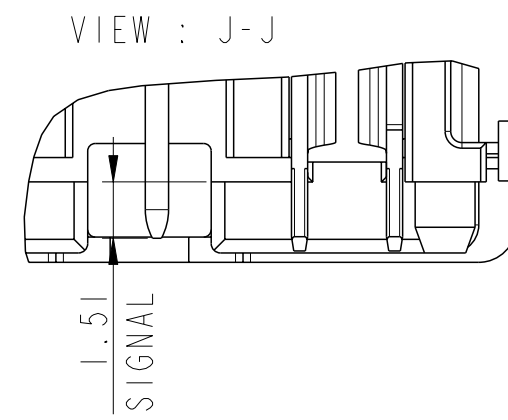
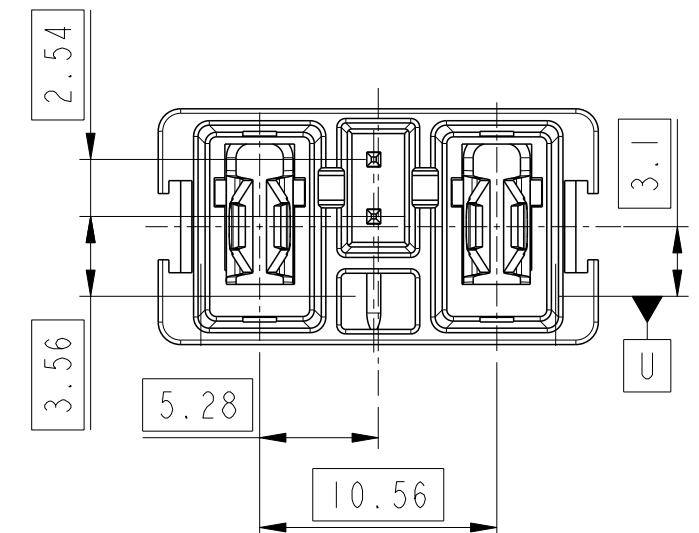
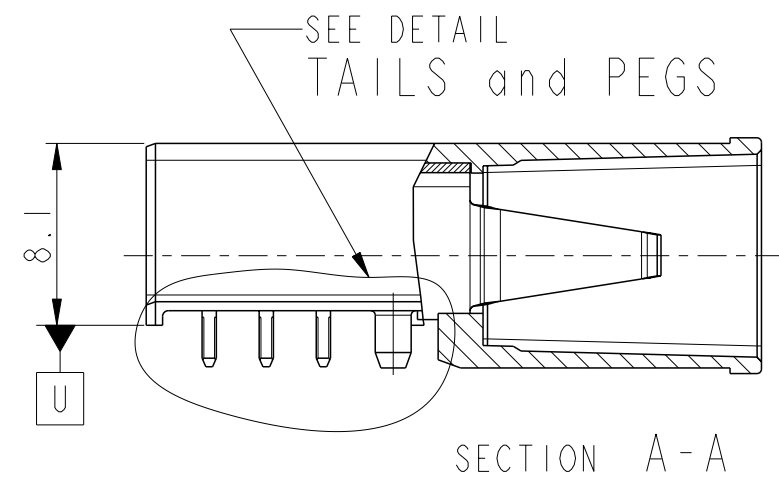
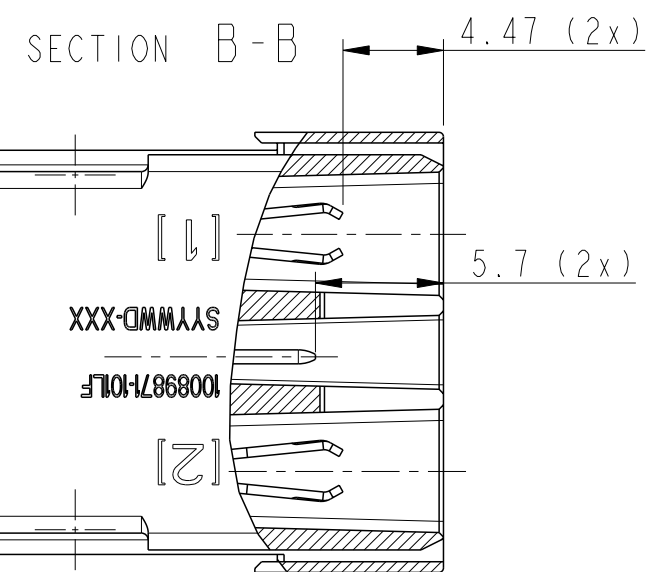
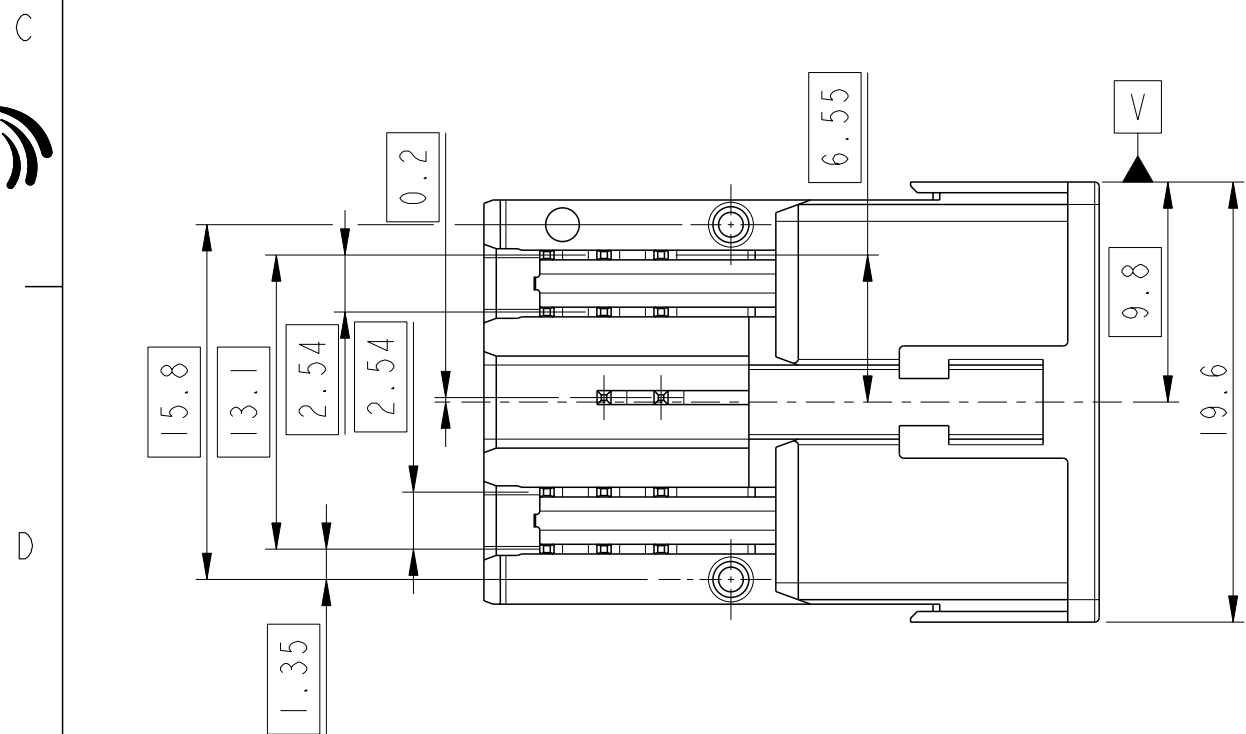
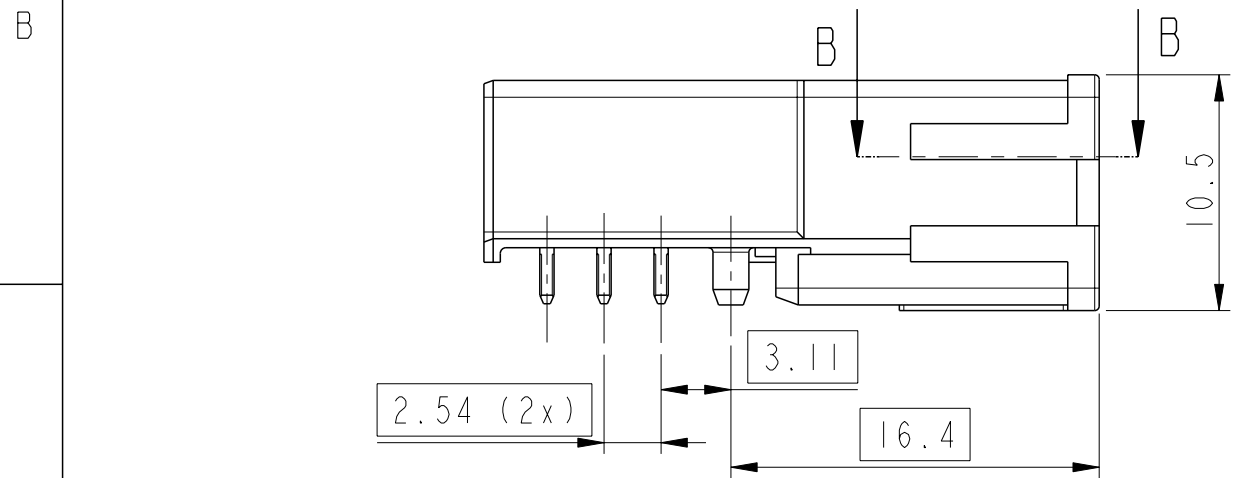
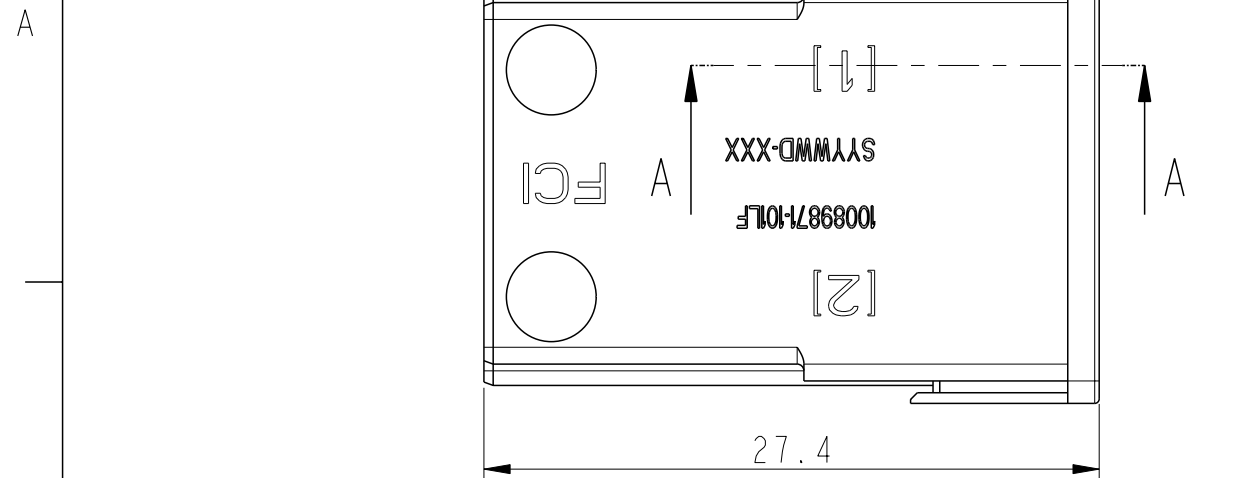
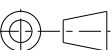


PRODUCT NUMBER
10089871



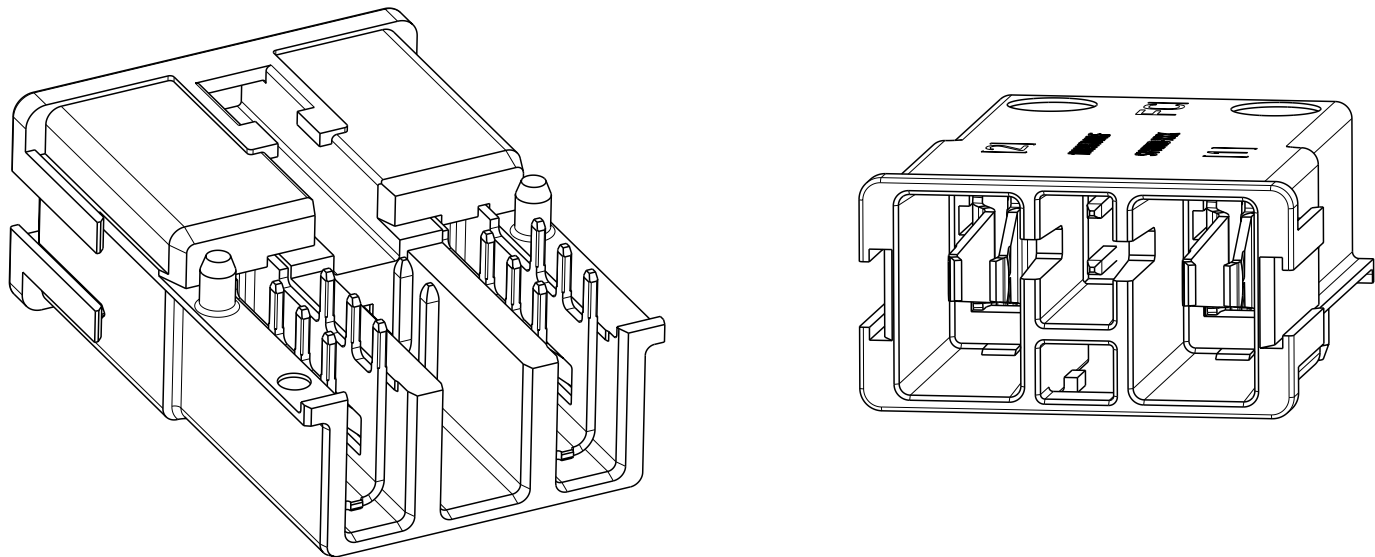
rev	ecn no	dr	date
A	H09-0076	PEP	090616
B	H09-0094	JDB	090828
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fci.com			surface - 		tolerance std ISO 1302 ISO 406 ISO 1101					
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	P.Poorter	2009-03-09	ANGULAR	LINEAR	0.X	±	size A3	Scale 1:1		
Eng	J.de Bruijn	2008-08-05			0.XX	±				
Chr	P.Poorter	2009-03-12			0°	±°				
Appr	J.de Bruijn	2009-03-12	Product family				-	Spec ref		-
			title PwrProfile+ Board Connector Assembly				dwg no 10089871			Rev. B
			UNSHIELDED PIP VERSION							
			catalog no				-	CUSTOMER COPY		sheet 1 of 4

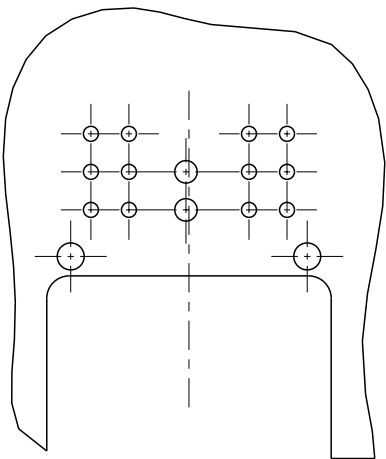
P/N 10089871-101LF,
PIP, Enable Function (Signal Contacts Included).

A

B



RECOMMENDED PCB LAYOUT:
PIP, Enable Function (Signal Circuit Included).



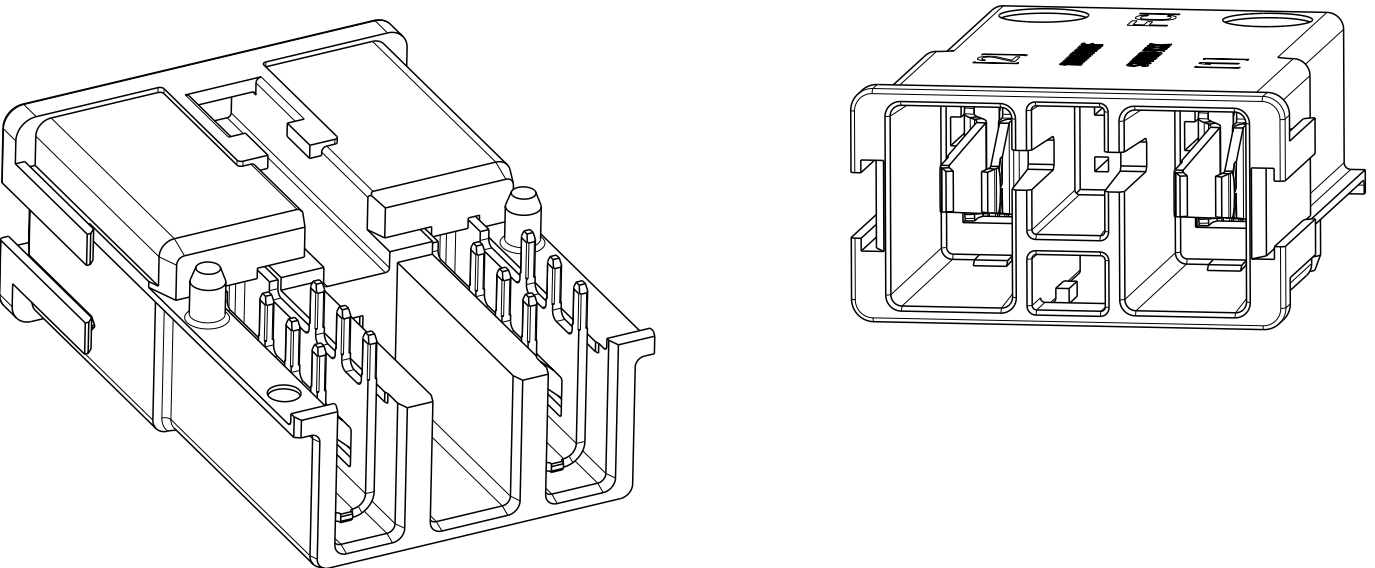
A

B

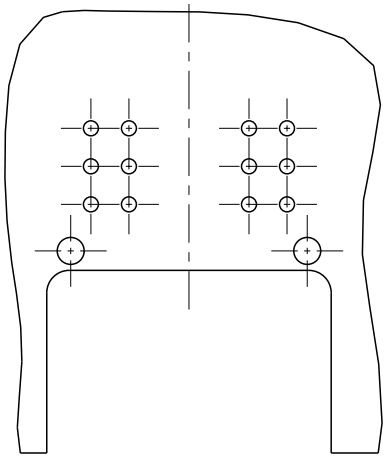
P/N 10089871-102LF,
PIP, No Enable Function (Signal Contacts Removed).

C

D



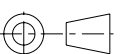
RECOMMENDED PCB LAYOUT:
PIP, No Enable Function (Signal Circuit Removed)



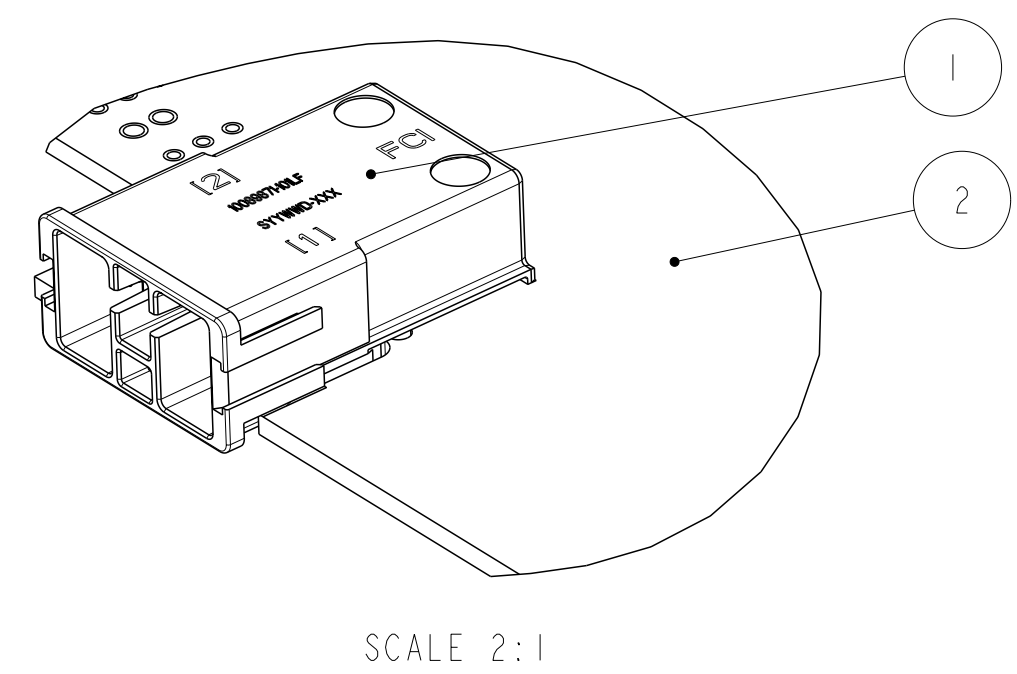
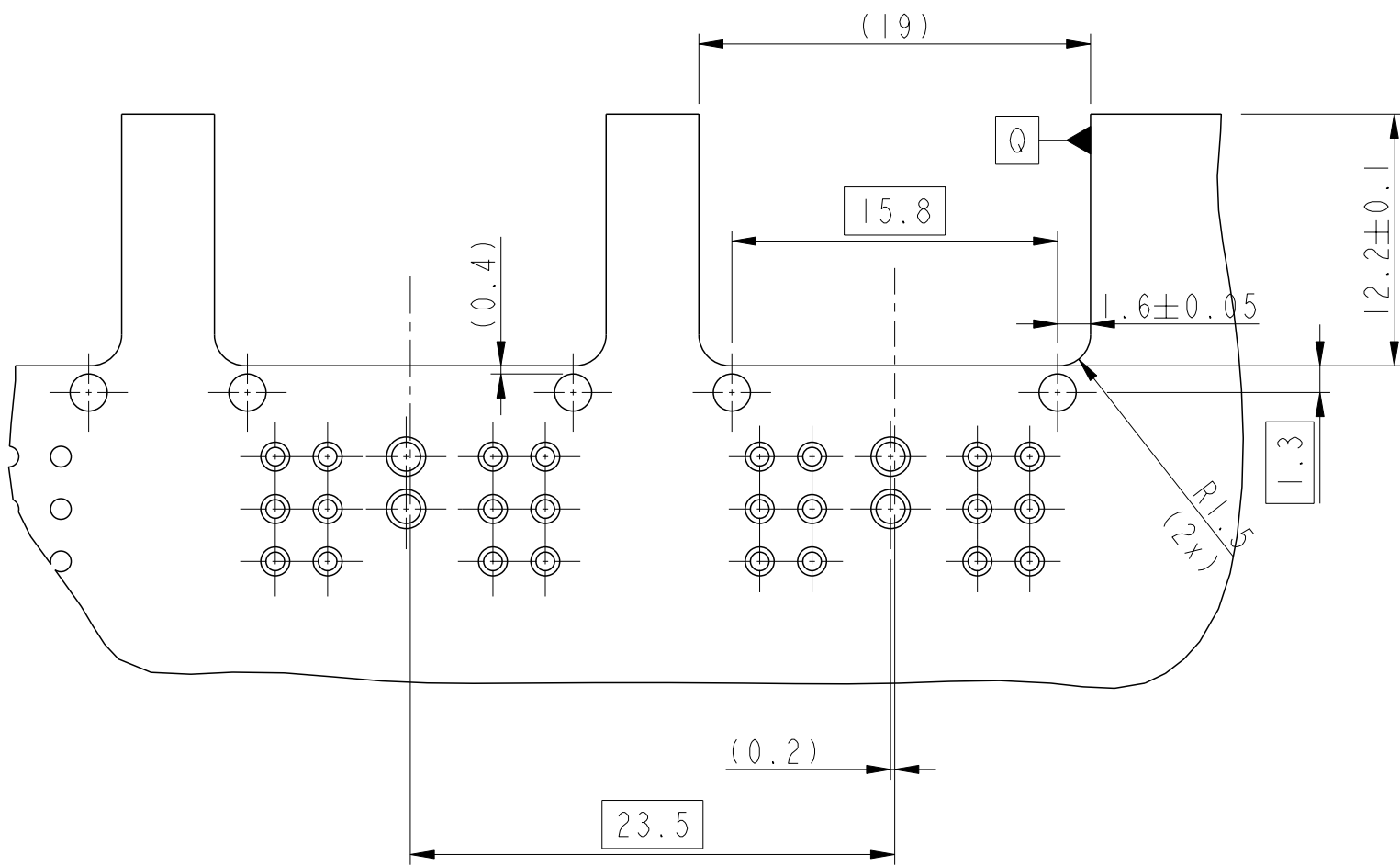
C

D

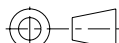
FCI
Copyright FCI.

www.fci.com			surface -  ISO 1302		tolerance std ISO 406 ISO 1101		projection 	mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	P.Poorter	2009-03-09	ANGULAR	LINEAR	0.X	±	size	Scale	
Eng	J.de Bruijn	2008-08-05			0.XX	±	A3	1:1	
Chr	P.Poorter	2009-03-12	0° ±°		0.XXX	±	ECN	H09-0094	
Appr	J.de Bruijn	2009-03-12	Product family				-	Spec ref	-
		title	PwrProfile+ Board Connector Assembly				dwg no 10089871		Rev.
		UNSHIELDED PIP VERSION				B			
		catalog no		-				CUSTOMER COPY	sheet 2 of 4

PRODUCT NUMBER
APPLICATION FOR 10089871-101LF



2	PCB
1	BOARD CONNECTOR
NO	PART NAME

www.fci.com			surface - 		tolerance std ISO 1302 ISO 406 ISO 1101		projection 		mm 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	P.Poorter	2009-03-09	ANGULAR	LINEAR	0.X	±	size A3	Scale 3:1			
Eng	J.de Bruijn	2008-08-05			0.XX	±					
Chr	P.Poorter	2009-03-12			0°	±°	0.XXX	±	ECN	H09-0094	
Appr	J.de Bruijn	2009-03-12	Product family				-	Spec ref		-	
		title	PwrProfile+ Board Connector Assembly				dwg no	10089871		Rev. B	
			UNSHIELDED PIP VERSION								
		catalog no				-	CUSTOMER COPY		sheet 3 of 4		

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D

Technical drawing of a mechanical part showing dimensions and tolerances. The drawing includes the following dimensions and tolerances:

- Overall width: 13.1
- Overall height: $2.54 (2x)$
- Internal width (left): 8.1
- Internal width (right): 2.54
- Internal height (left): 1.35
- Internal height (right): 8.19
- Top hole diameter: $\varnothing 1.5 \pm 0.05 (2x)$
- Top hole tolerance: $\varnothing 0.1$ (SEE NOTE 1 AND 7)
- Bottom hole diameter: $\varnothing 1.8 \pm 0.05$
- Bottom hole tolerance: $\varnothing 0.1$ (SEE NOTE 2)
- Right hole diameter: $\varnothing 1 \pm 0.05 (12x)$
- Right hole tolerance: $\varnothing 0.1$ (SEE NOTE 1)

[illegible]

D

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions in inches (in parentheses) and millimeters (in brackets). The drawing includes a top view and a side view.

Top View Dimensions:

- Overall width: (0.3) in, $[7.62]$ mm
- Overall height: (2.55) in, $[64.77]$ mm
- Distance from left edge to center of first hole: (1.9) in, $[48.26]$ mm
- Distance between centers of first two holes: (3.08) in, $[78.14]$ mm
- Distance between centers of last two holes: (3.51) in, $[89.27]$ mm
- Distance from right edge to center of last hole: (1.06) in, $[26.92]$ mm
- Distance from bottom edge to center of first hole: (1.03) in, $[26.17]$ mm
- Distance from bottom edge to center of last hole: (3.18) in, $[80.82]$ mm

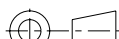
Side View Dimensions:

- Overall height: (1.9) in, $[48.26]$ mm
- Distance from bottom edge to center of first hole: (1.03) in, $[26.17]$ mm
- Distance from bottom edge to center of last hole: (3.18) in, $[80.82]$ mm

Notes:

- Dimensions are given in inches (in parentheses) and millimeters (in brackets).
- Dimensions are given for two parts (2x).

1. HOLE DIAMETER INCLUDES Cu PLATING
2. UNPLATED HOLE
3. PRODUCT SPECIFICATION: GS-12-594
4. PERFORMANCE BASED CONTACT FINISH
ACCORDING TO GS-12-594, SECTION 4.3
5. FLAMMABILITY CLASS: UL 94-V0
6. RoHS COMPLIANT
7. ONLY WHEN USING PARTNUMBER 10089871-101LF

www.fci.com			surface 		tolerance std		projection 		mm 		
			ISO 1302		ISO 406 ISO 1101						
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	P.Poorter	2009-03-09	ANGULAR	LINEAR	0.X	±	size A3	Scale 1:1			
Eng	J.de Bruijn	2008-08-05			0.XX	±					
Chr	P.Poorter	2009-03-12	0°	±°	0.XXX	±	ECN		H09-0094		
Appr	J.de Bruijn	2009-03-12	Product family				-	Spec ref		-	
		title PwrProfile+ Board Connector Assembly UNSHIELDED PIP VERSION				dwg no 10089871				Rev. B	