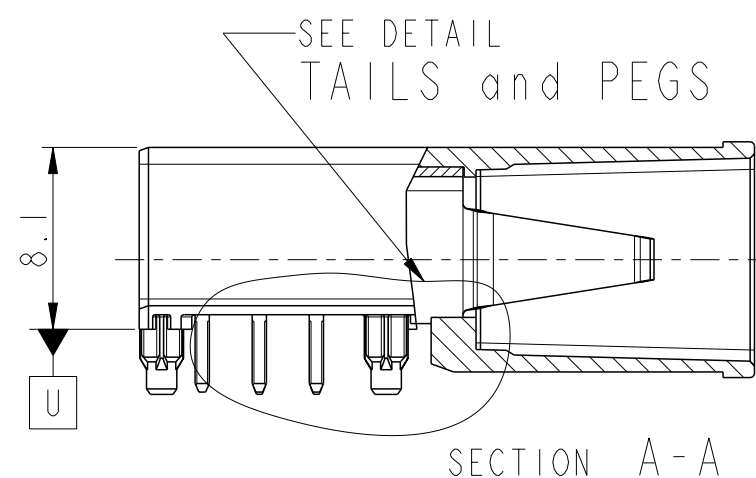
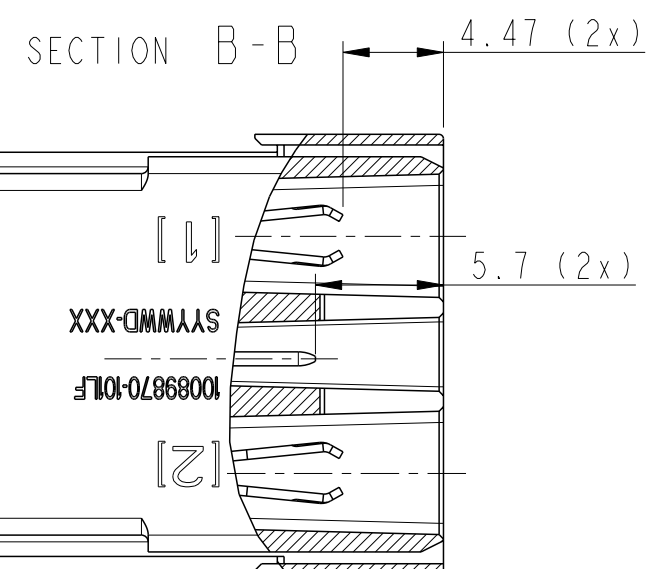
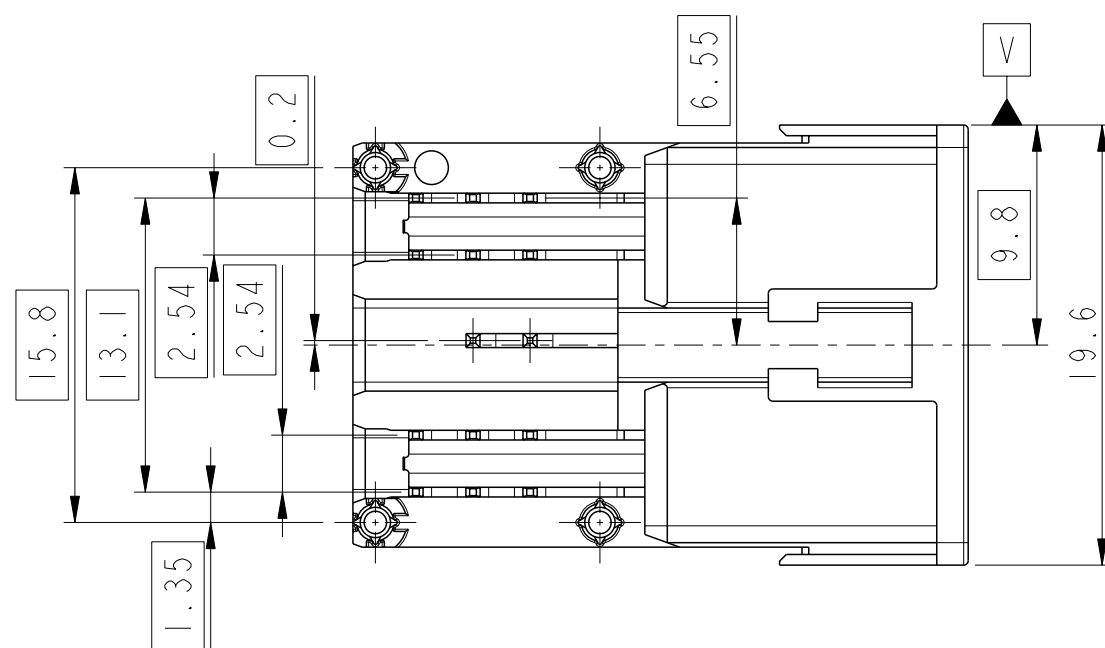
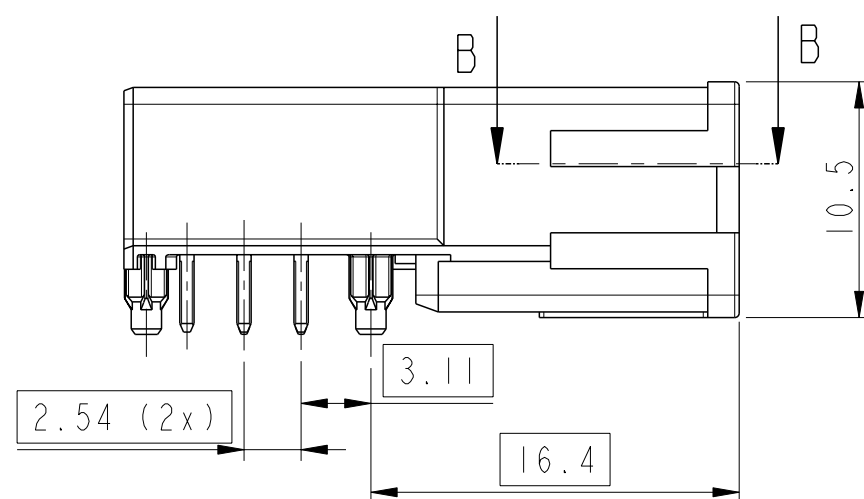
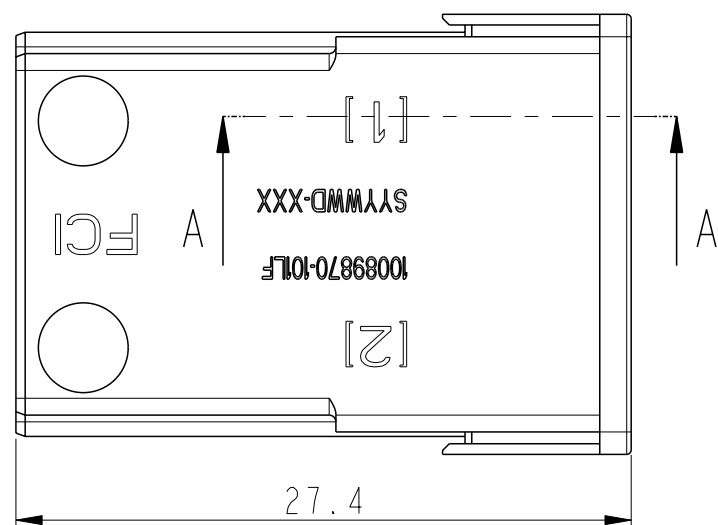
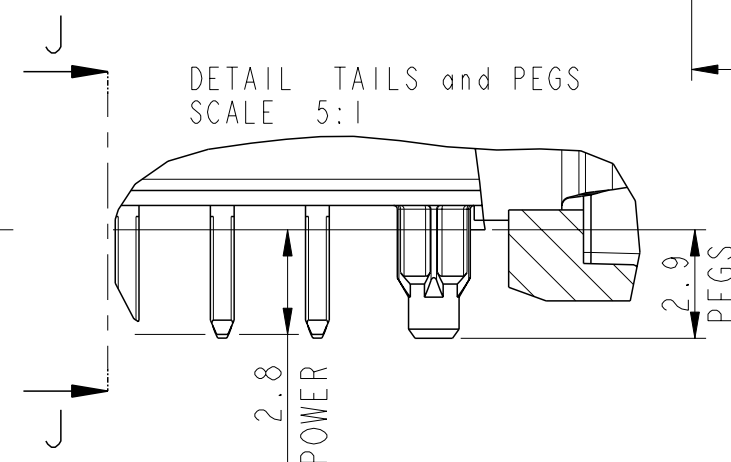
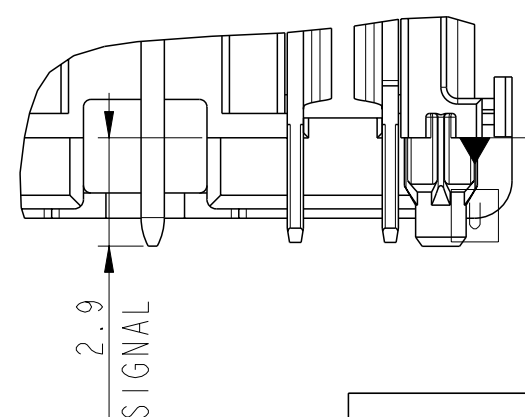


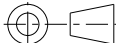
PRODUCT NUMBER
10089870



VIEW : J-J



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

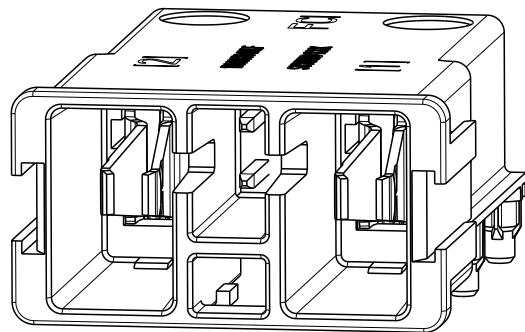
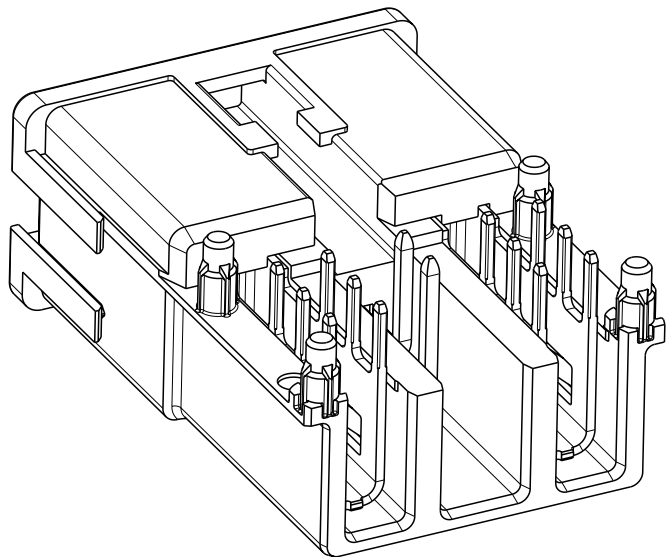
www.fci.com			surface ☒ ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 			
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	P.Poorter	2009-03-09	ANGULAR	LINEAR	0.X	±	size A3	Scale 3:1				
Eng	J.de Bruijn	2008-08-05			0.XX	±						
Chr	P.Poorter	2009-03-12			0° ±°	0.XXX					±	
Appr	J.de Bruijn	2009-03-12	Product family				-	Spec ref				
		title					dwg no					Rev
		PwrProfile+ Board Connector Assembly					10089870					B
		UNSHIELDED STB VERSION										
		catalog no					CUSTOMER COPY					sheet 1 of 4

REV F - 2006-04-17

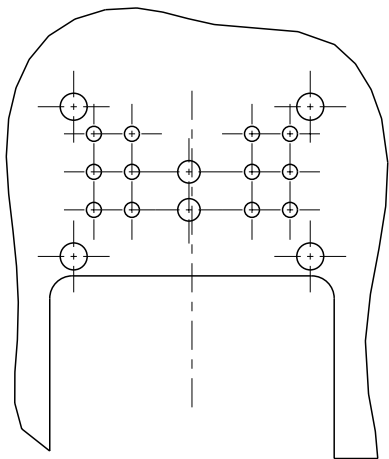
P/N 10089870-101LF,
STB, Enable Function (Signal Contacts Included).

A

B



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



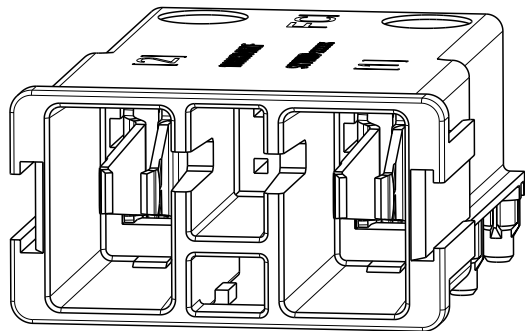
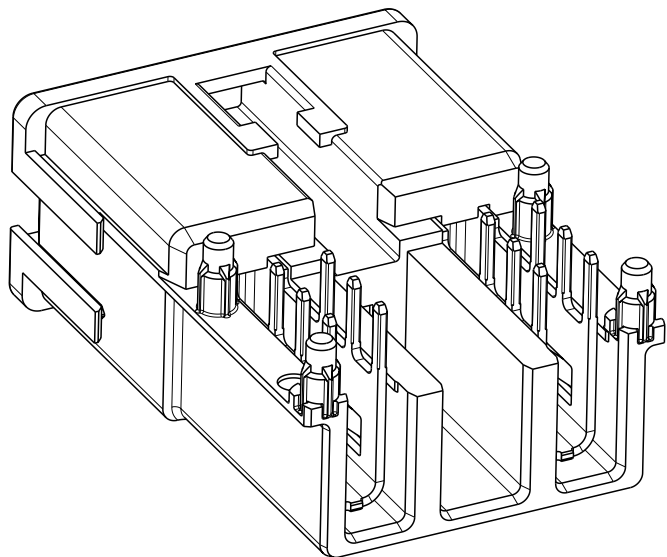
A

B

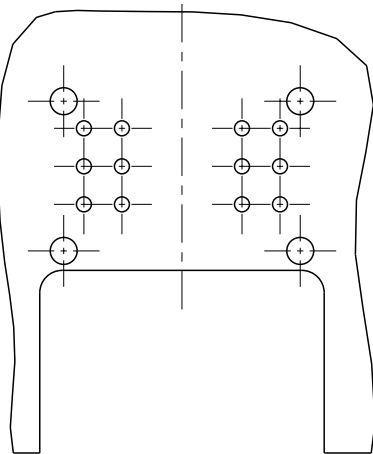
P/N 10089870-102LF,
STB, No Enable Function (Signal Contacts Removed).

C

D



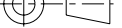
RECOMMENDED PCB LAYOUT:
STB, No Enable Function (Signal Circuit Removed)



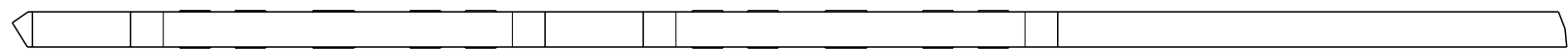
C

D

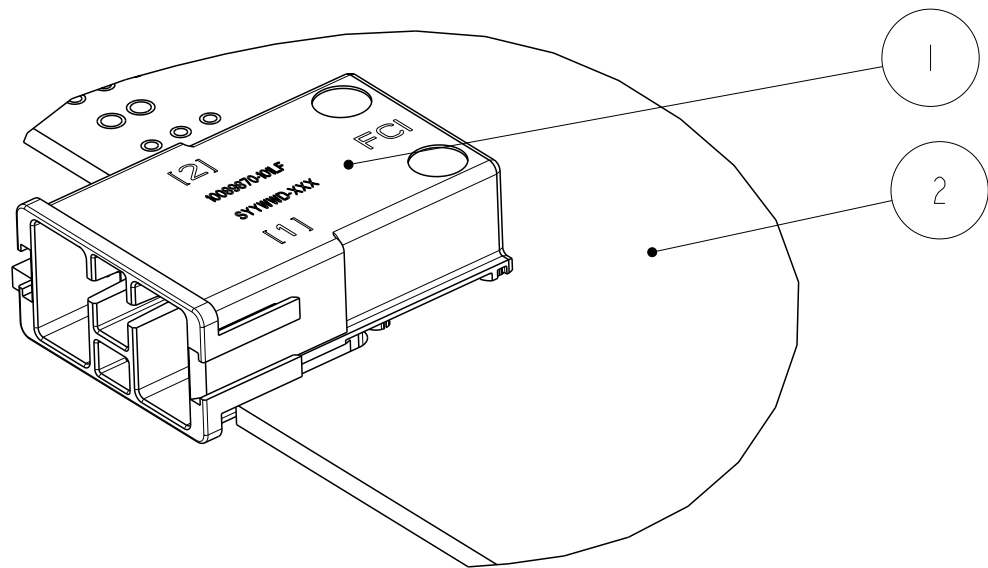
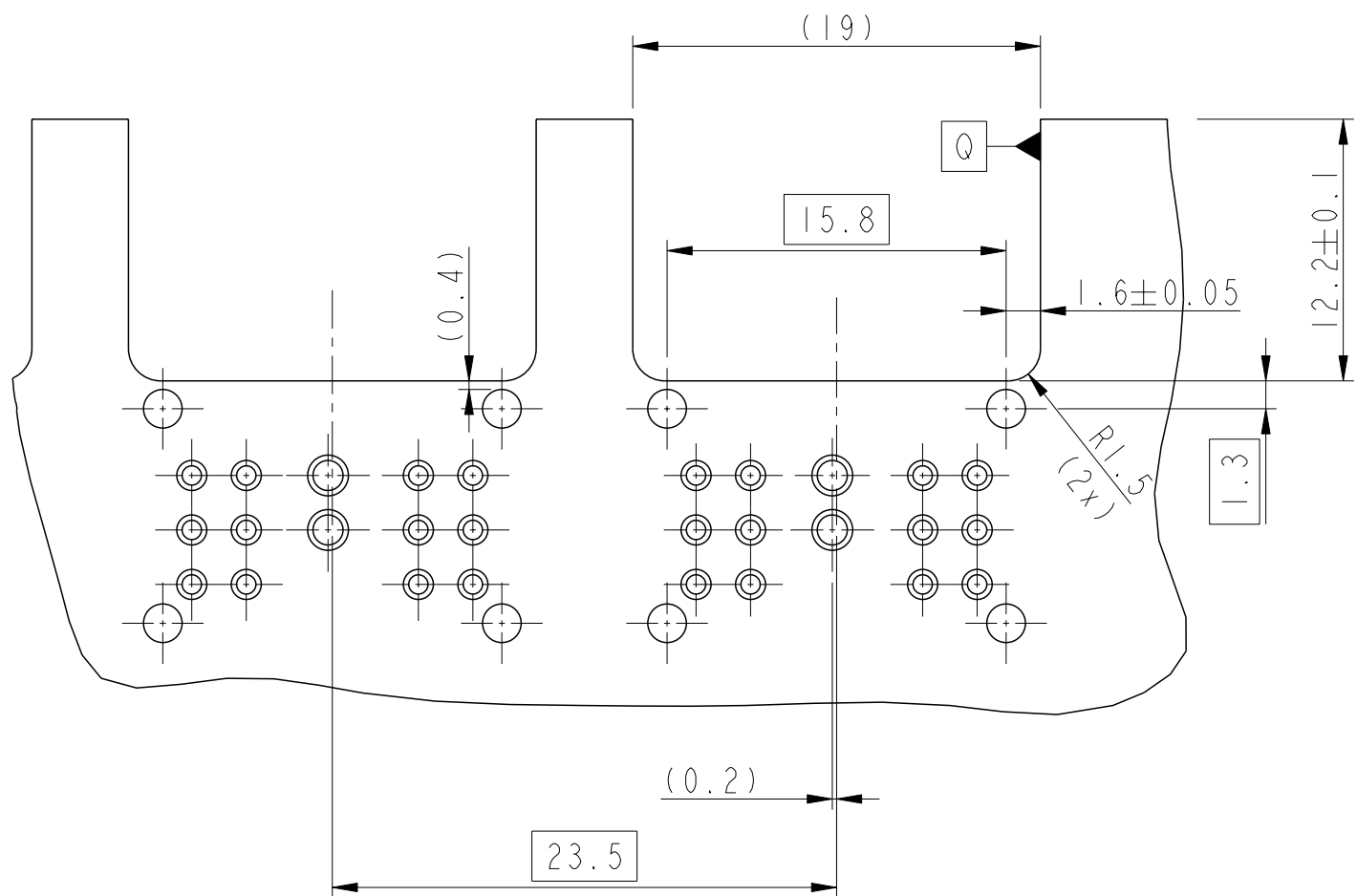
FCI
Copyright FCI.

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 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				dwg no			Rev.
			PwrProfile+ Board Connector Assembly				10089870			B
			UNSHIELDED STB VERSION							
			catalog no				-			CUSTOMER COPY

PRODUCT NUMBER
APPLICATION FOR 10089870-101LF

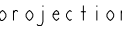


SCALE 3:1



SCALE 2:1

2	PCB
1	BOARD CONNECTOR
NO	PART NAME

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 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 10089870		Rev. B
			UNSHIELDED STB VERSION							
			catalog no -					CUSTOMER COPY		

PCB thickness 1.6 - 2.4 mm.



KEEP-OUT ZONE FOR CONNECTOR STAND-OFFS

(18.6)

LAND $\varnothing 1.4$ MAX. (12x)

(12.7)

(11.3)

(0.73) (2x)

(2.2) (2x)

(7.5)

(0.5) (2x)

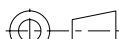
(5.5) (2x)

(0.5) (2x)

LAND $\varnothing 1.9$ (2x) MAX. SEE NOTE 7

KEEP-OUT ZONE FOR CONNECTOR STAND-OFFS

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 10089870-101LF.

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 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 UNSHIELDED STB VERSION				dwg no 10089870				Rev. B	
		catalog no				-	CUSTOMER COPY		sheet 4 of 4		