



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



REFERENCE SPECIFICATIONS

-NFC 93425 (in compliance with HE 507)

PHYSICAL CHARACTERISTICS

-INSULATOR MATERIAL: THERMOPLASTIC UL94V0
-CONTACT MATERIAL: BRASS

-ACCESSORIES: BRASS
-SHELLS: STEEL

ELECTRICAL CHARACTERISTICS

-NOMINAL CURRENT: 7.5A
-CONTACT RESISTANCE: $\leq 7.3 \text{ m ohms}$
-CONTACT/CONTACT : $\geq 1000 \text{ V}$
-CONTACT/GROUND : $\geq 1200 \text{ V}$
-INSULATION RESISTANCE: $\geq 5000 \text{ MOhms}$

ENVIRONMENTAL CHARACTERISTICS

- CLIMATIC CATEGORY: 55/125/21
TEMPERATURE RANGE -55°C TO $+125^{\circ}\text{C}$
DAMP HEAT STEADY STATE 21 DAYS
SALT SPRAY 48 HOURS

MECHANICAL CHARACTERISTICS

RETENTION AGAINST TORQUE: - Threaded insert: 0.7 N.m minimum
- Female screw : 0.5 N.m minimum

NOTE RoHS INFORMATION

- The "LF" products meet european union Directives and other country regulations as described in GS-22-008.
- Termination plating spec:
Ni + Gold
- Active area plating spec:
Ni + Gold
- Shell plating :2 to $4\mu\text{m}$ Cu + Ni + 3 to $10\mu\text{m}$ Sn,pure bright
- Accessories: Sn pure bright + nickel
- Packaging spec: See GS-14-920

Series

DBL13W3P043A00LF

Shell size: **E A B C D**
see sheet 3

Front accessory definition
see sheet 2

Blank :without accessory
L :threaded insert M3
O :threaded insert UNC 4-40

Layout of contacts (see sheet 3)

Contacts

P :Pin

Plating

Blank signal solder bucket 200 matings/unmatings
043 signal solder bucket 500 matings/unmatings

PCB accessory definition

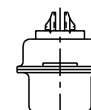
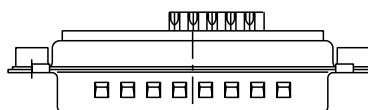
A without accessory on PCB

Power contacts

00 without power contact

See note RoHS

13W3 FOR EXAMPLE



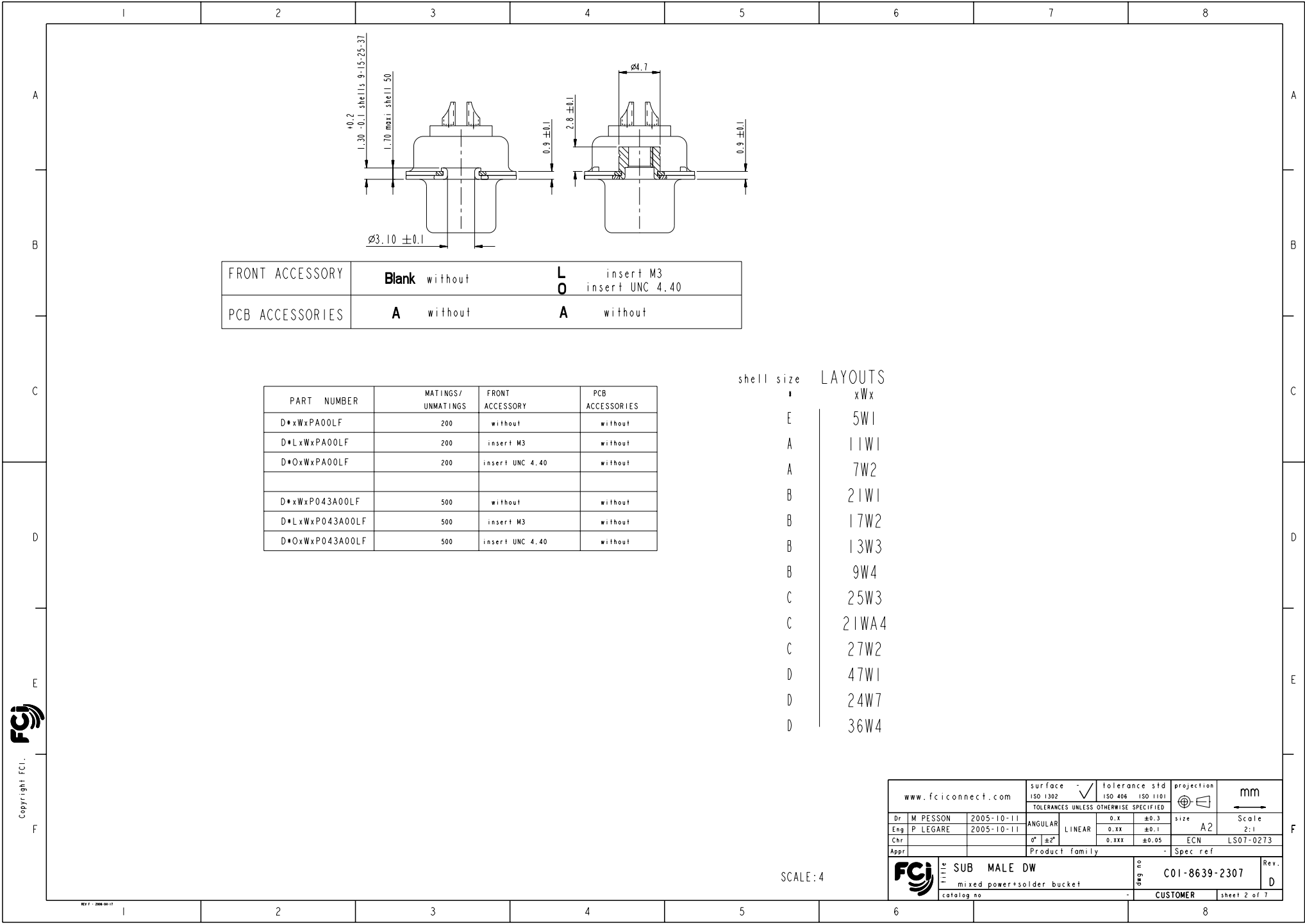
www.fciconnect.com				surface - ☒		tolerance std		projection		mm	
				ISO 1302		ISO 406		ISO 1101			
				TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr		M PESSON		2005-10-11		ANGULAR		LINEAR		size	
Eng		P LEGARE		2005-10-11						A2	
Chr						0° ±2°				Scale	
Appr						Product family				ECN LS07-0273	
										- Spec ref	

rev	ecn no	dr	date
A	LS05-0101	MPE	2005-10-11
B	LS06-0208	LGO	2006-12-13
C	LS07-0173	MPE	2007-06-18
D	LS07-0273	MPE	2007-10-31
-	-	-	-
-	-	-	-
-	-	-	-



Dr M PESSON 2005-10-11
Eng P LEGARE 2005-10-11
Chr
Appr

Rev. D
sheet 1 of 7



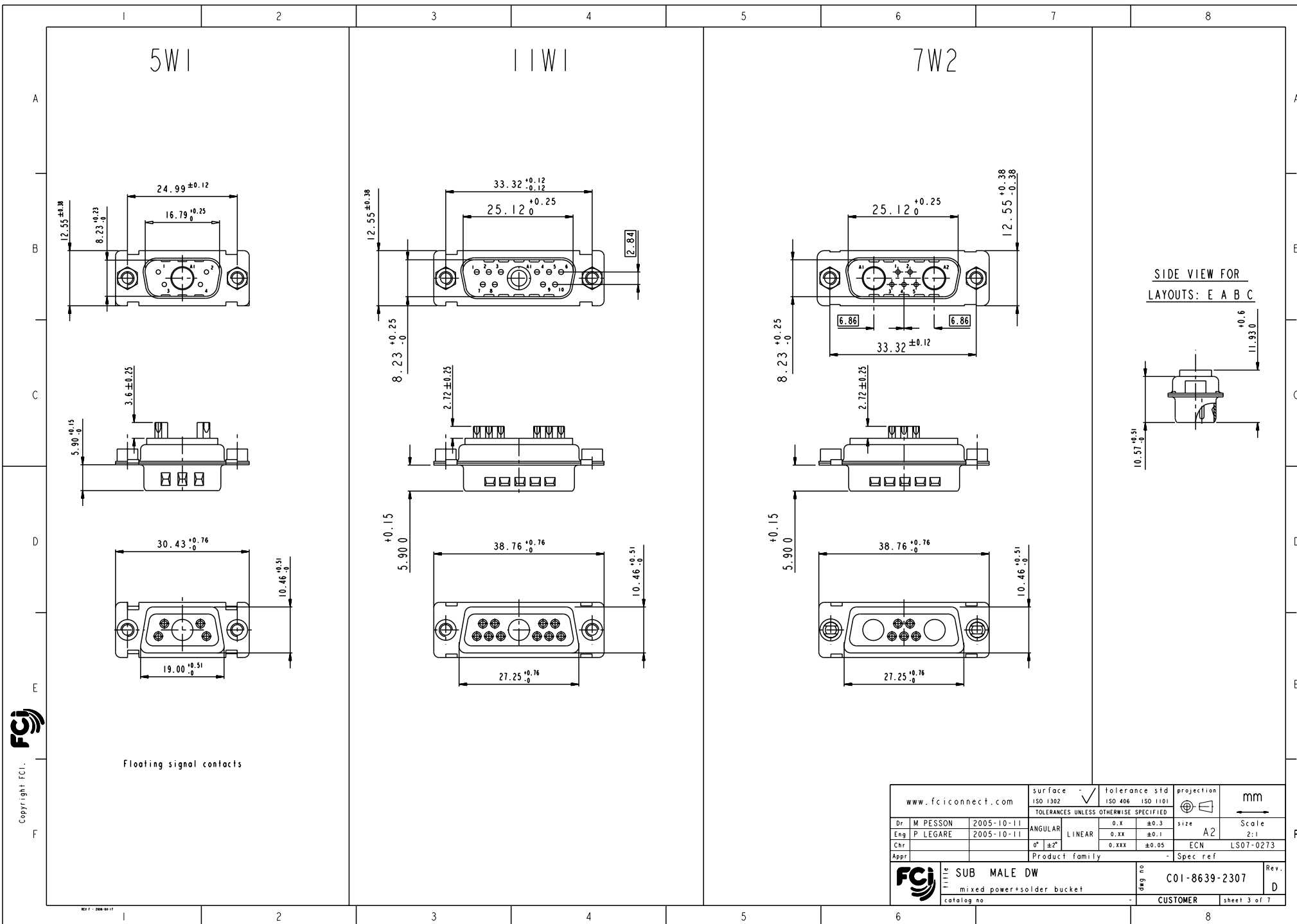
FRONT ACCESSORY	Blank without	L insert M3
PCB ACCESSORIES	A without	O insert UNC 4.40

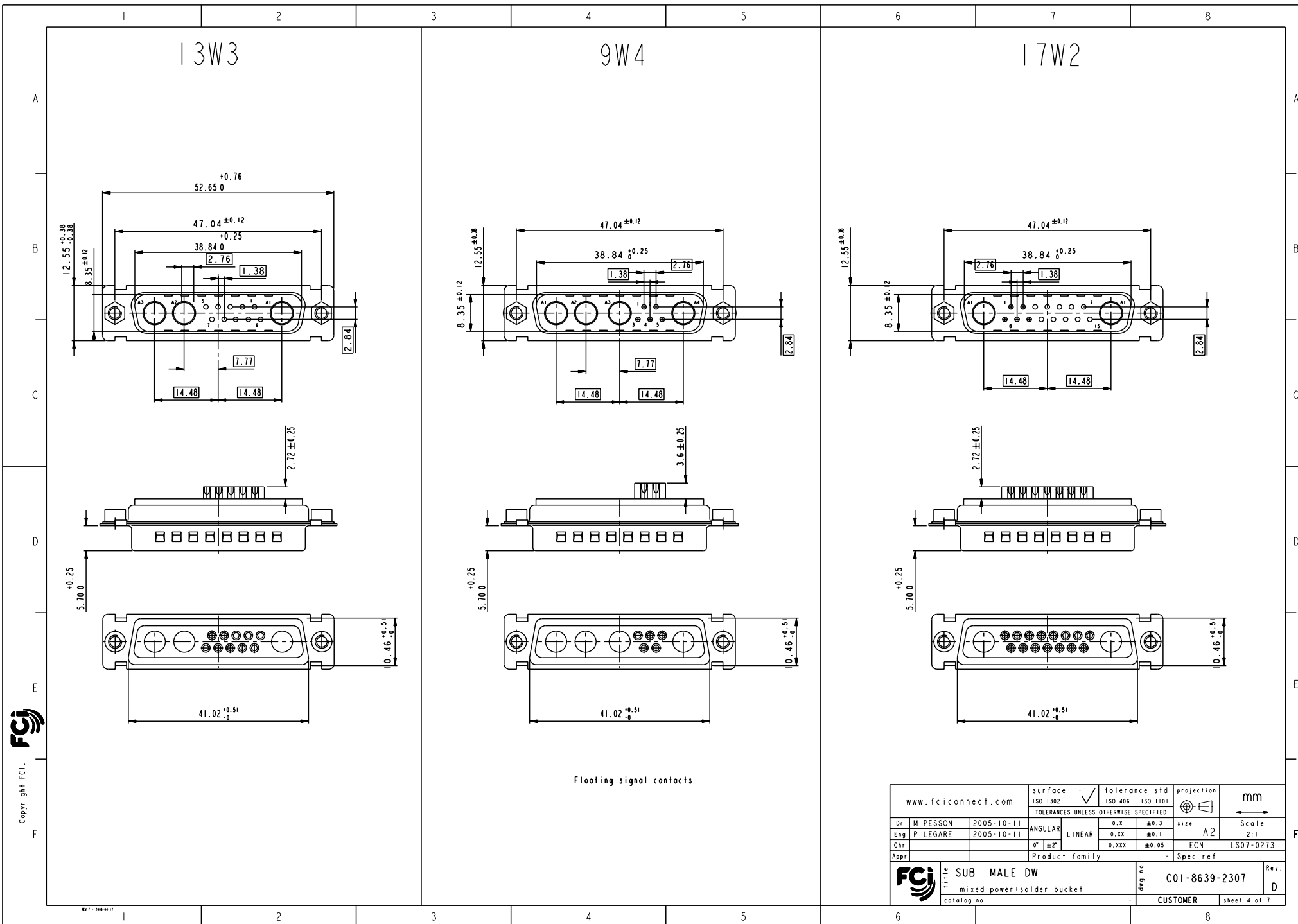
PART NUMBER	MATINGS/ UNMATINGS	FRONT ACCESSORY	PCB ACCESSORIES
D*xWxPA00LF	200	without	without
D*LxWxPA00LF	200	insert M3	without
D*OxWxPA00LF	200	insert UNC 4.40	without
D*xWxP043A00LF	500	without	without
D*LxWxP043A00LF	500	insert M3	without
D*OxWxP043A00LF	500	insert UNC 4.40	without

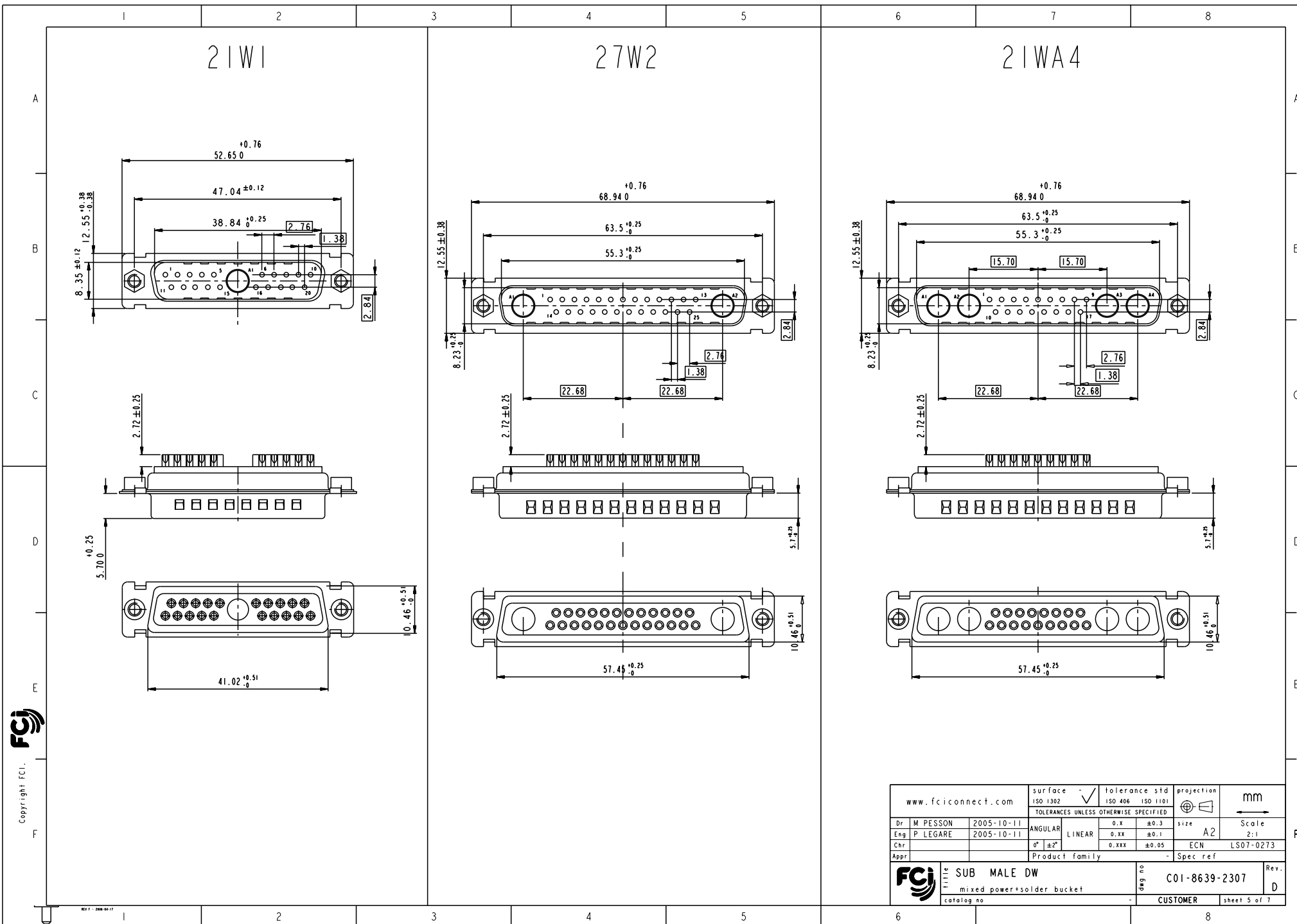
shell size	LAYOUTS
E	xWx 5W1
A	11W1
A	7W2
B	21W1
B	17W2
B	13W3
B	9W4
C	25W3
C	21WA4
C	27W2
D	47W1
D	24W7
D	36W4

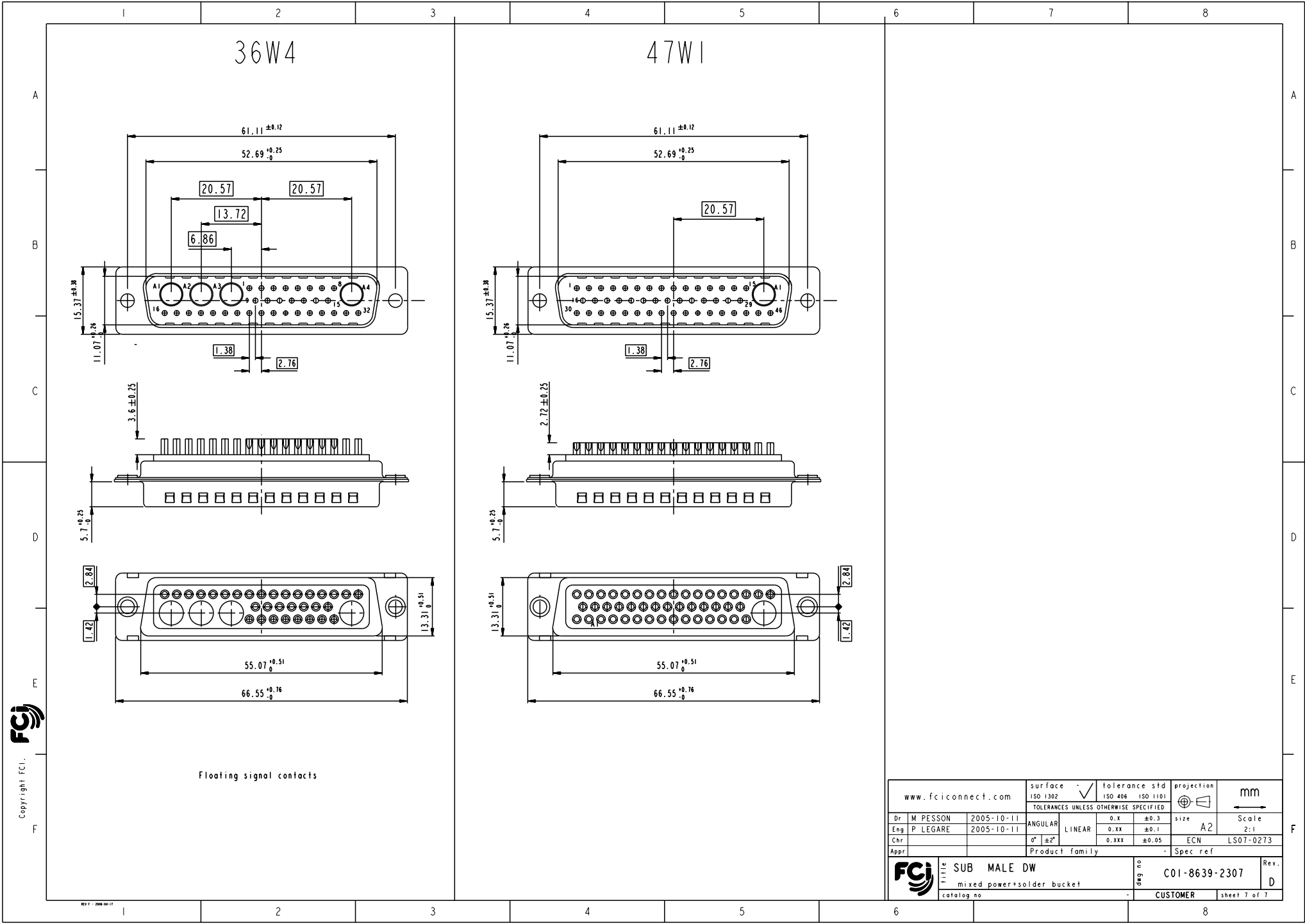
SCALE: 4

www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED					size	Scale
Dr	M PESSON	2005-10-11	ANGULAR	0.X	±0.3		A2	2:1
Eng	P LEGARE	2005-10-11	LINEAR	0.XX	±0.1			
Chr			0° ±2°	0.XXX	±0.05		ECN	LS07-0273
Appr			Product family			Spec ref		
FCI		SUB MALE DW		deg no		C01-8639-2307		Rev.
		mixed power+solder bucket						D
		catalog no				CUSTOMER		sheet 2 of 7









www.fciconnect.com		surface ISO 1302	-	tolerance std ISO 406	ISO 1101	projection A2	mm
Dr M PESSON		2005-10-11		TOLERANCES UNLESS OTHERWISE SPECIFIED		size	Scale
Eng P LEGARE		2005-10-11		ANGULAR	LINEAR	A2	2:1
Chr		0° ±2°		0.XX	±0.1	ECN	LS07-0273
Appr		Product family		0.XXX	±0.05	Spec ref	
FCI		SUB MALE DW		mixed power+solder bucket		Rev.	
catalog no		-		CUSTOMER		sheet 7 of 7	