

REFERENCE SPECIFICATIONS

-NFC 93425 (in compliance with HE 507)

PHYSICAL CHARACTERISTICS

-INSULATOR MATERIAL: THERMOPLASTIC UL94V0

-CONTACT MATERIAL: PHOSPHOR BRONZE

-ACCESSORIES: BRASS

-SHELLS: STEEL

ELECTRICAL CHARACTERISTICS

-NOMINAL CURRENT: 7.5A

-CONTACT RESISTANCE: <= 7.3 m ohms

-CONTACT/CONTACT : >=1000 V

-CONTACT/GROUND : >=1200 V

-INSULATION RESISTANCE: >=5000 MOhms

ENVIRONMENTAL CHARACTERISTICS

- CLIMATIC CATEGORY: 55/125/21

TEMPERATURE RANGE -55°C TO +125°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 4µm Cu + Nickel + 3 to 10µm Sn,pure bright

- Accessories: Sn pure bright + nickel

- Packaging spec: See GS-14-920

Series

DBL13W3S043A00LF

Shell size: **E A B C D**
see sheet 2

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

S :Socket

Plating

Blank signal solder bucket 200 matings/unmatings

043 signal solder bucket 500 matings/unmatings

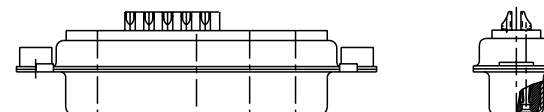
PCB accessory definition

A without accessory on PCB

Power contacts

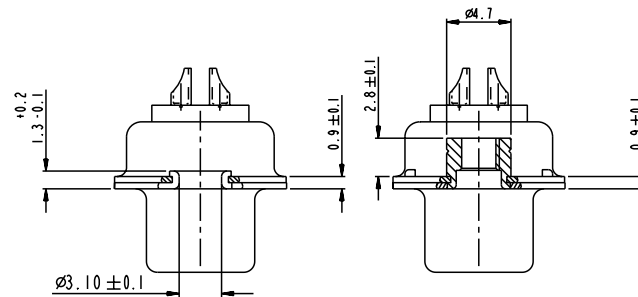
00 without power contact

See note RoHS



13W3 FOR EXAMPLE

www.fciconnect.com				surface - ☒ tolerance std ISO 1302 ISO 406 ISO 1101			projection 		mm 		
				TOLERANCES UNLESS OTHERWISE SPECIFIED							
rev	ecn no	dr	date	Dr	M PESSON	2005-10-11	ANGULAR	0.X	±0.3	size	Scale
A	LS05-0101	MPE	2005-10-11	Eng	P LEGARE	2005-10-11	LINEAR	0.XX	±0.1	A2	2:1
B	LS06-0208	LGO	2006-12-12	Chr			0° ±2°	0.XXX	±0.05	ECN	LS07-0273
C	LS07-0273	MPE	2007/10/31	Appr			Product family	- Spec ref			
				SUB FEMALE DW				dag no		C01-8639-2303	
				mixed power+solder bucket						Re	
				catalog no				CUSTOMER		sheet 1 of 7	



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

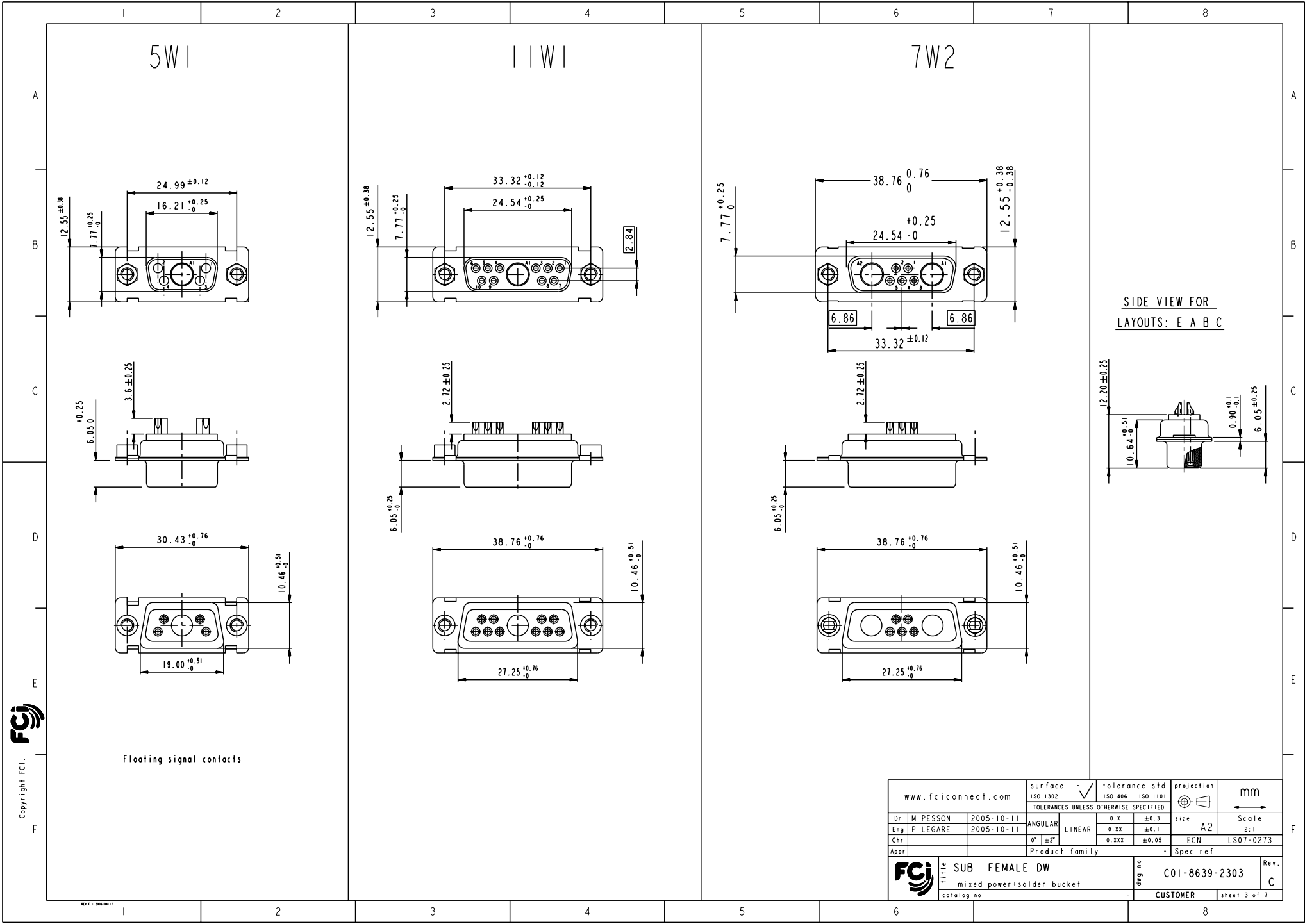
PART NUMBER	MATINGS/ UNMATINGS	FRONT ACCESSORY	PCB ACCESSORIES
D*xWxSA00LF	200	without	without
D*LxWxSA00LF	200	insert M3	without
D*OxWxSA00LF	200	insert UNC 4.40	without
D*xWxS043A00LF	500	without	without
D*LxWxS043A00LF	500	insert M3	without
D*OxWxS043A00LF	500	insert UNC 4.40	without

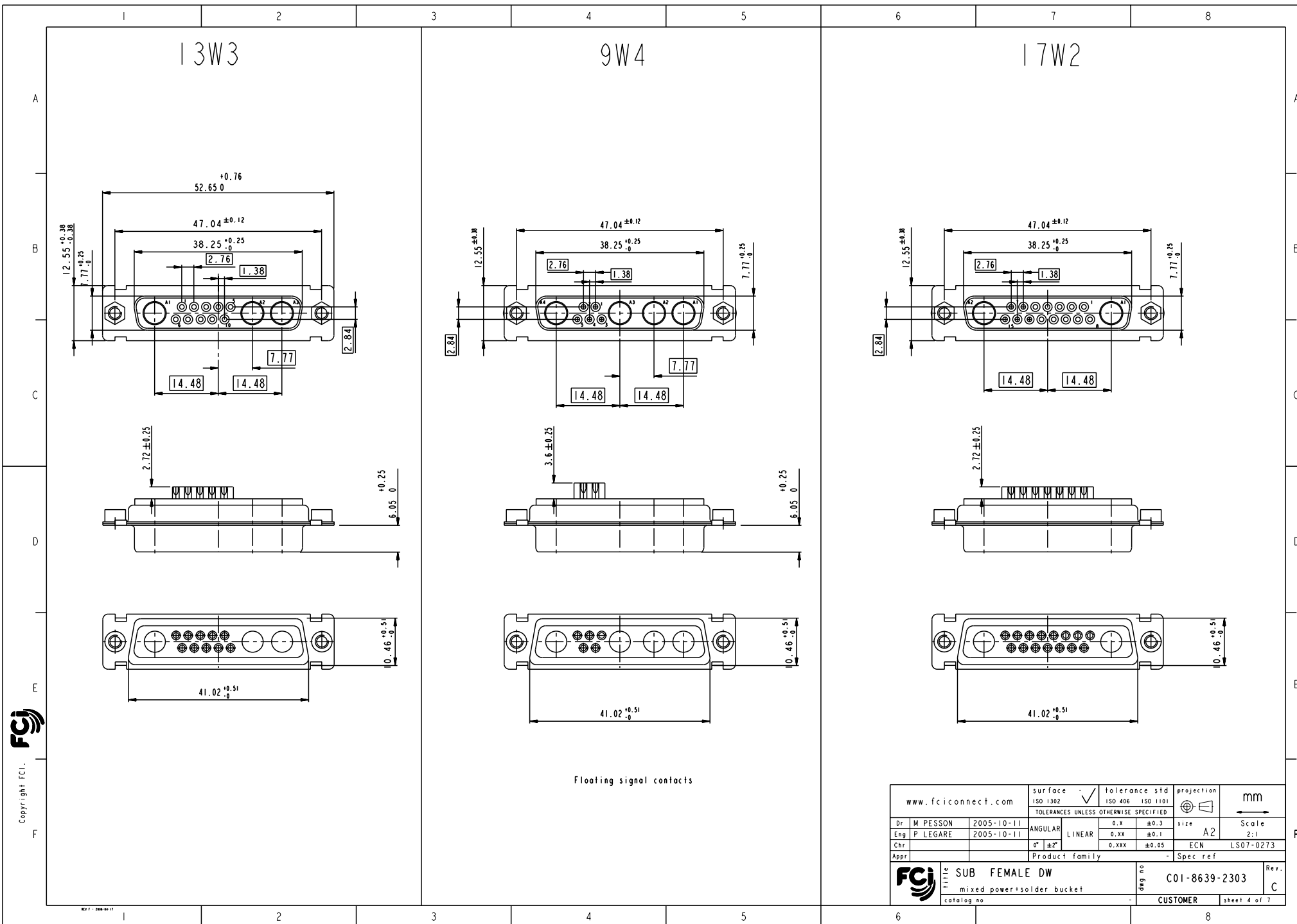
shell size LAYOUTS

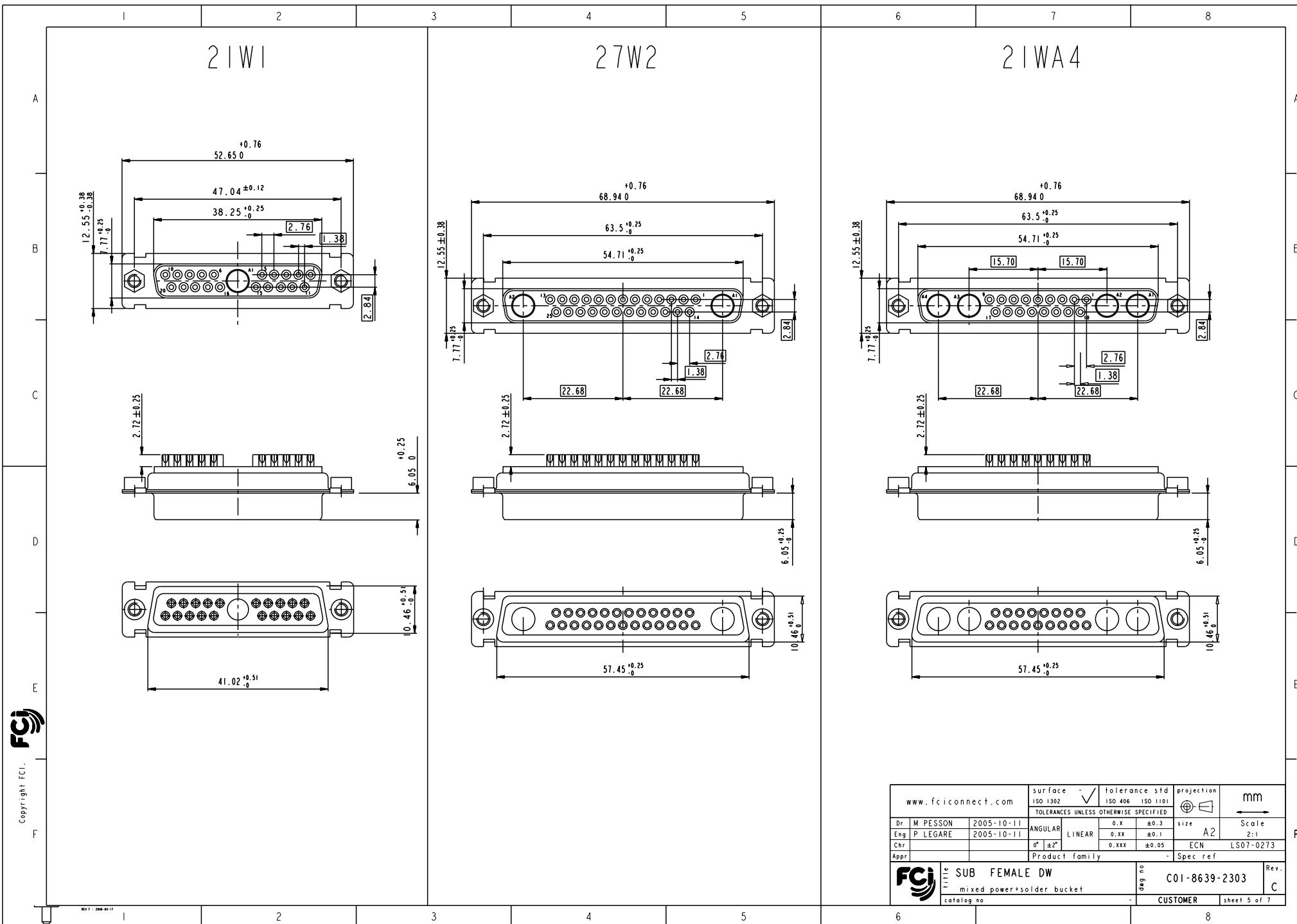
#	xWx
E	5W1
A	11W1
A	7W2
B	21W1
B	17W2
B	13W3
B	9W4
C	25W3
C	21WA4
C	27W2
D	47W1
D	24W7
D	36W4

SCALE : 4

www.fciconnect.com		surface ISO 1302	-	tolerance std ISO 406 ISO 1101	projection mm	size A2		Scale 2:1
Dr M PESSON		2005-10-11	ANGULAR	0.X	±0.3	ECN		LS07-0273
Eng P LEGARE		2005-10-11	LINEAR	0.XX	±0.1	Product family		Spec ref
Chr			0° ±2°	0.XXX	±0.05	SUB FEMALE DW		C01-8639-2303
Appr						mixed power+solder bucket		Rev. C
FCI						CUSTOMER		sheet 2 of 7







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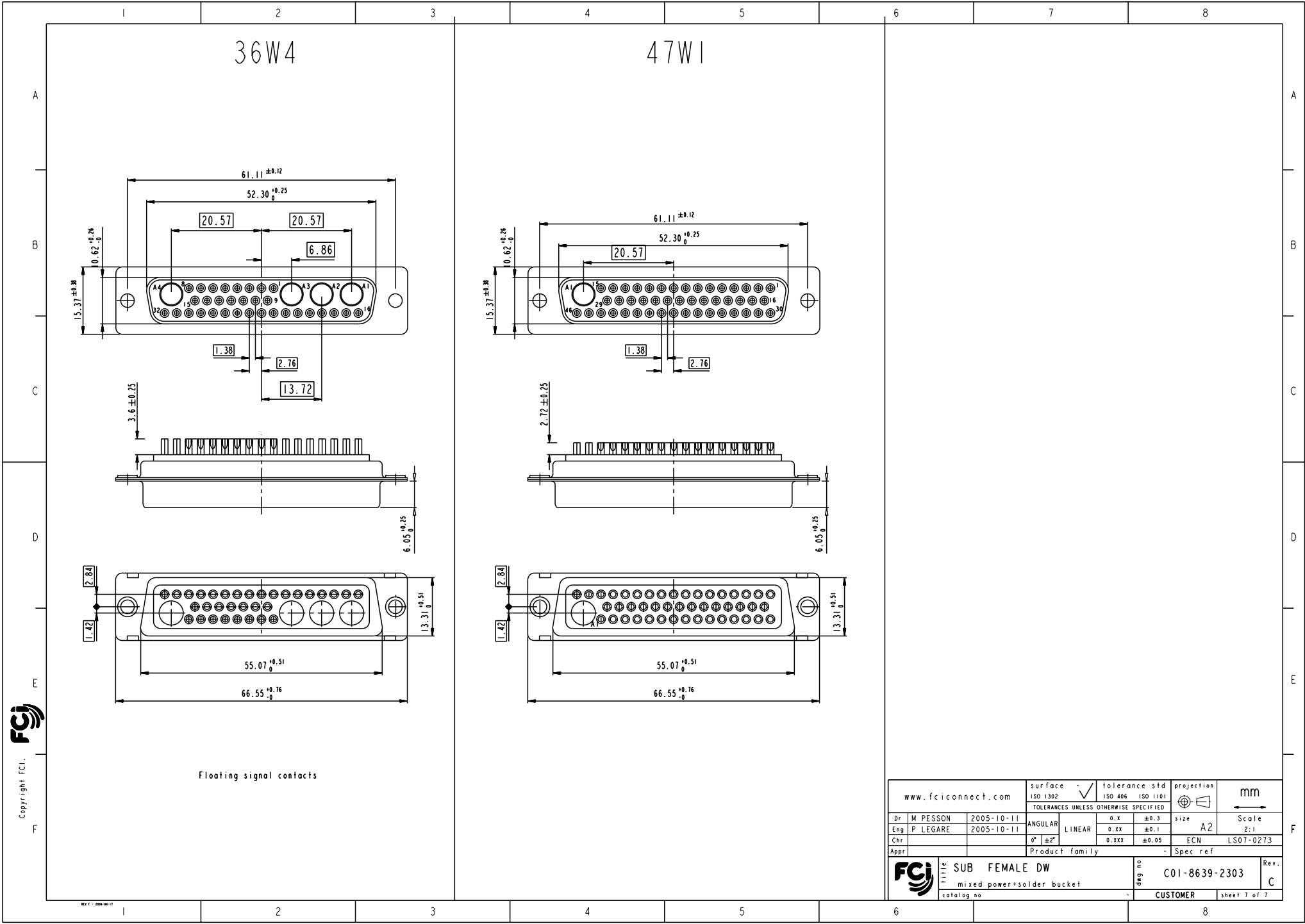
www.fciconnect.com			surface - ☒ tolerance std ISO 1302 ISO 406 ISO 1101 TOLERANCES UNLESS OTHERWISE SPECIFIED			projection 		mm 	
Dr	M PESSON	2005-10-11	ANGULAR	0.X	±0.3	size	A2	Scale	2:1
Eng	P LEGARE	2005-10-11	LINEAR	0.XX	±0.1				
Chr			0° ±2°	0.XXX	±0.05	ECN	LS07-0273		
Appr			Product family			- Spec ref			
			SUB FEMALE DW			C01-8639-2303			Rev
			mixed power+solder bucket			CUSTOMER			C
			catalog no			sheet 5 of 7			

PDM: Rev:C

STATUS Released

Printed: Apr 21, 2009

www.fciconnect.com			surface ☒ tolerance std ISO 1302 ISO 4066 ISO 1101		projection  mm	
TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	M PESSON	2005-10-11	ANGULAR	LINEAR	0.X	±0.3
Eng	P LEGARE	2005-10-11			0.XX	±0.1
Chr					0.XXX	±0.05
Appr			Product family		ECN	LS07-0273
					- Spec ref	
			TITLE SUB FEMALE DW mixed power+solder bucket		QTY C01-8639-2303	Rev. C
CATALOG NO -			CUSTOMER		sheet 6 of 7	



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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		ECN	LS07-0273
Chr			0° ±2°	0.XXX	±0.05		Spec ref	
Appr			Product family					
FCI		SUB FEMALE DW		mixed power+solder bucket		C01-8639-2303		Rev.
catalog no				CUSTOMER		sheet 7 of 7		C