

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

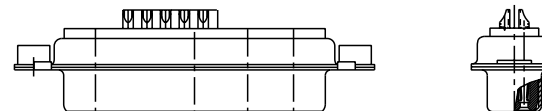
PCB accessory definition

A without accessory on PCB

Power contacts

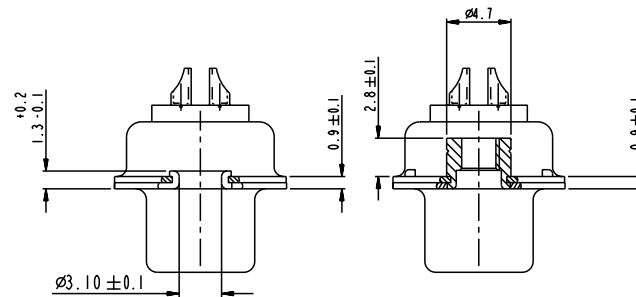
00 without power contact

See note RoHS



13W3 FOR EXAMPLE

www.fciconnect.com				surface - ✓ ISO 1302		tolerance std ISO 406 ISO 1101		projection ⊕		mm	
				TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr				M PESSON		2005-10-11		ANGULAR		size	
Eng				P LEGARE		2005-10-11		LINEAR		A2	
Chr								0.X ±0.3		Scale	
Appr								0° ±2°		2:1	
								0.XXX ±0.05		ECN LS07-0273	
						Product family		-		Spec ref	
rev				ecn no		dr		date		Re	
A				LS05-0101		MPE		2005-10-11		C	
B				LS06-0208		LGO		2006-12-12			
C				LS07-0273		MPE		2007/10/31			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-				-		-		-			
-</											



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

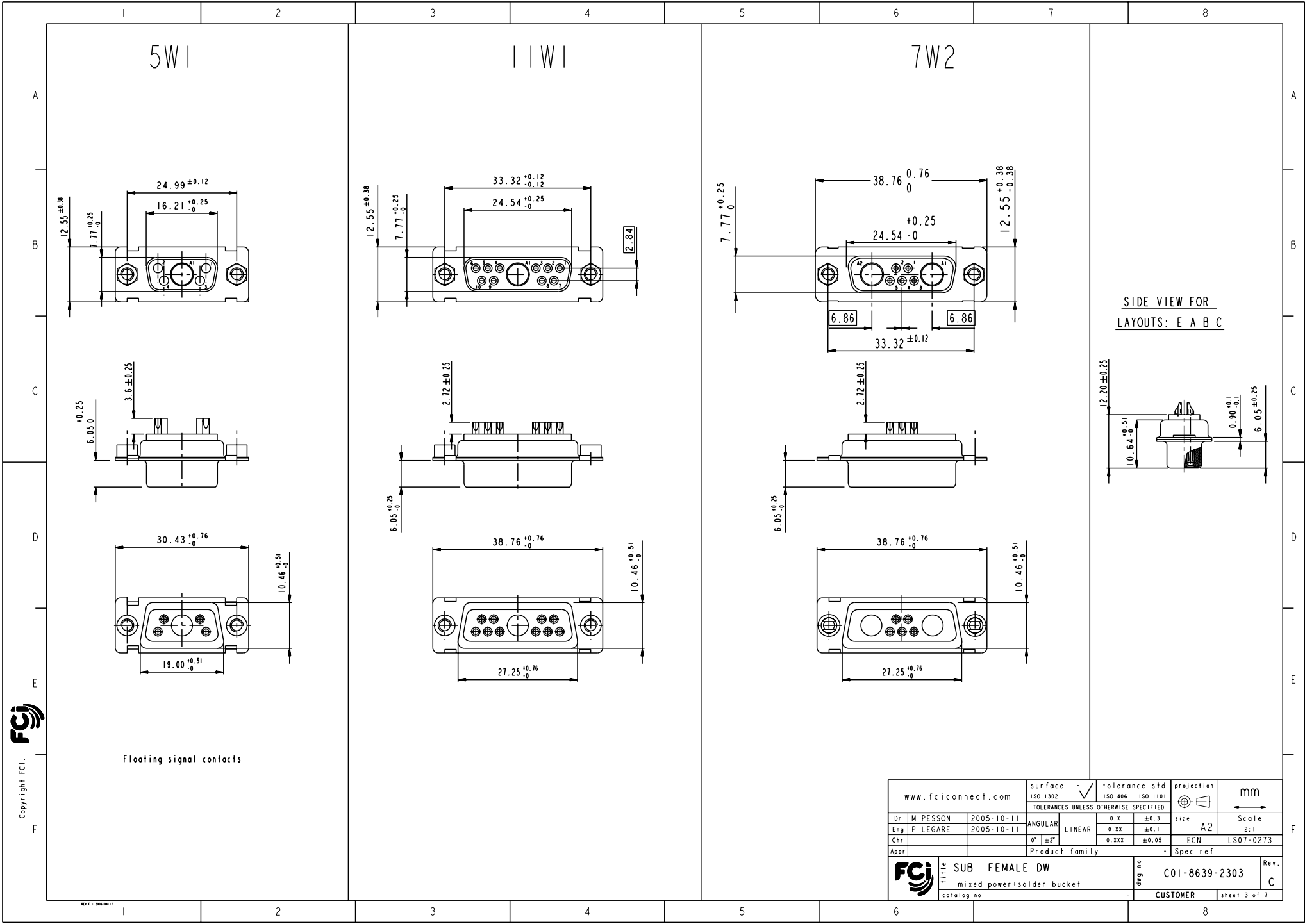
#	xWx
E	5W1
A	11W1
A	7W2
B	21W1
B	17W2
B	13W3
B	9W4
C	25W3
C	21WA4
C	27W2
D	47W1
D	24W7
D	36W4

SCALE: 4

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



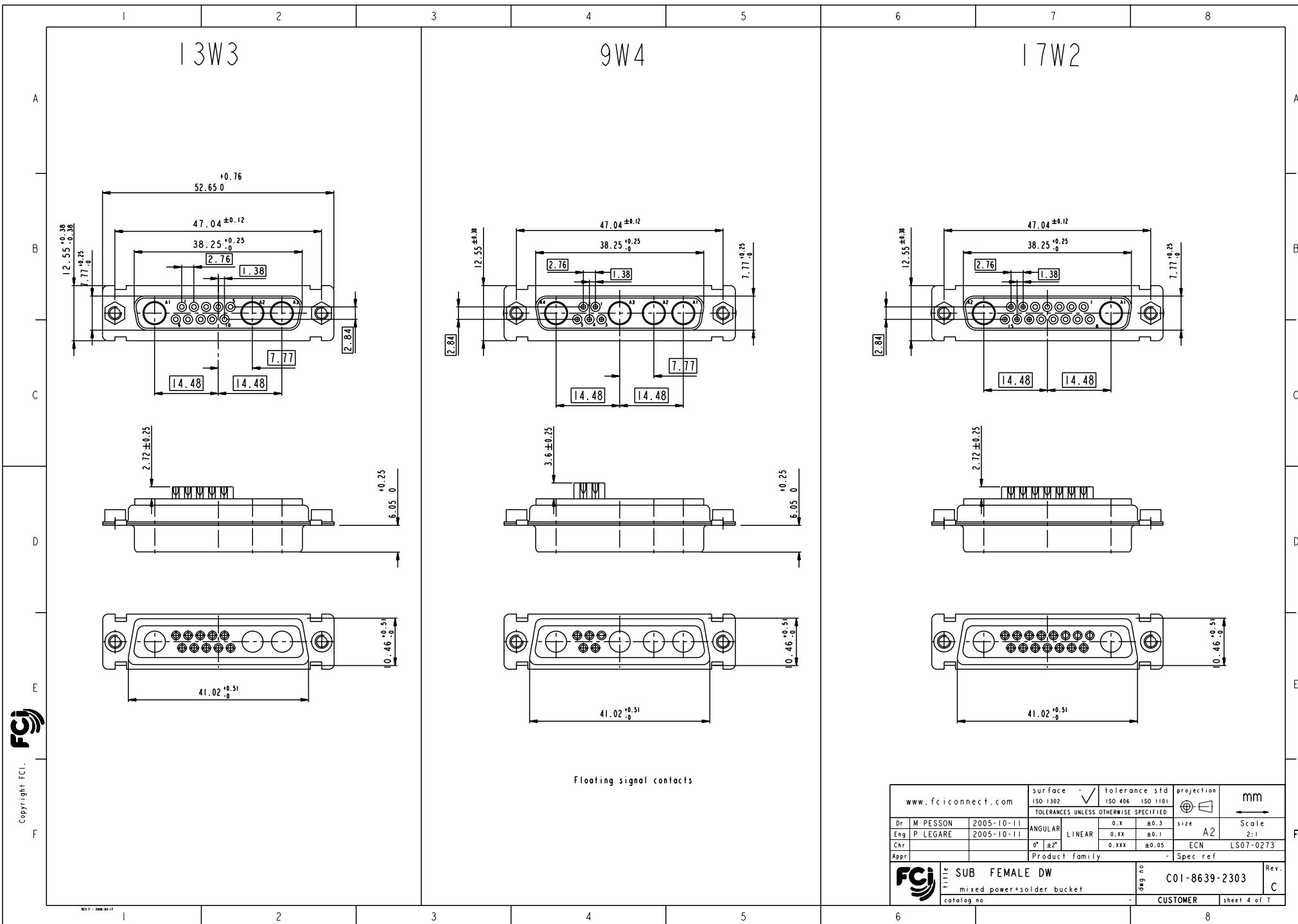
Copyright FCI.

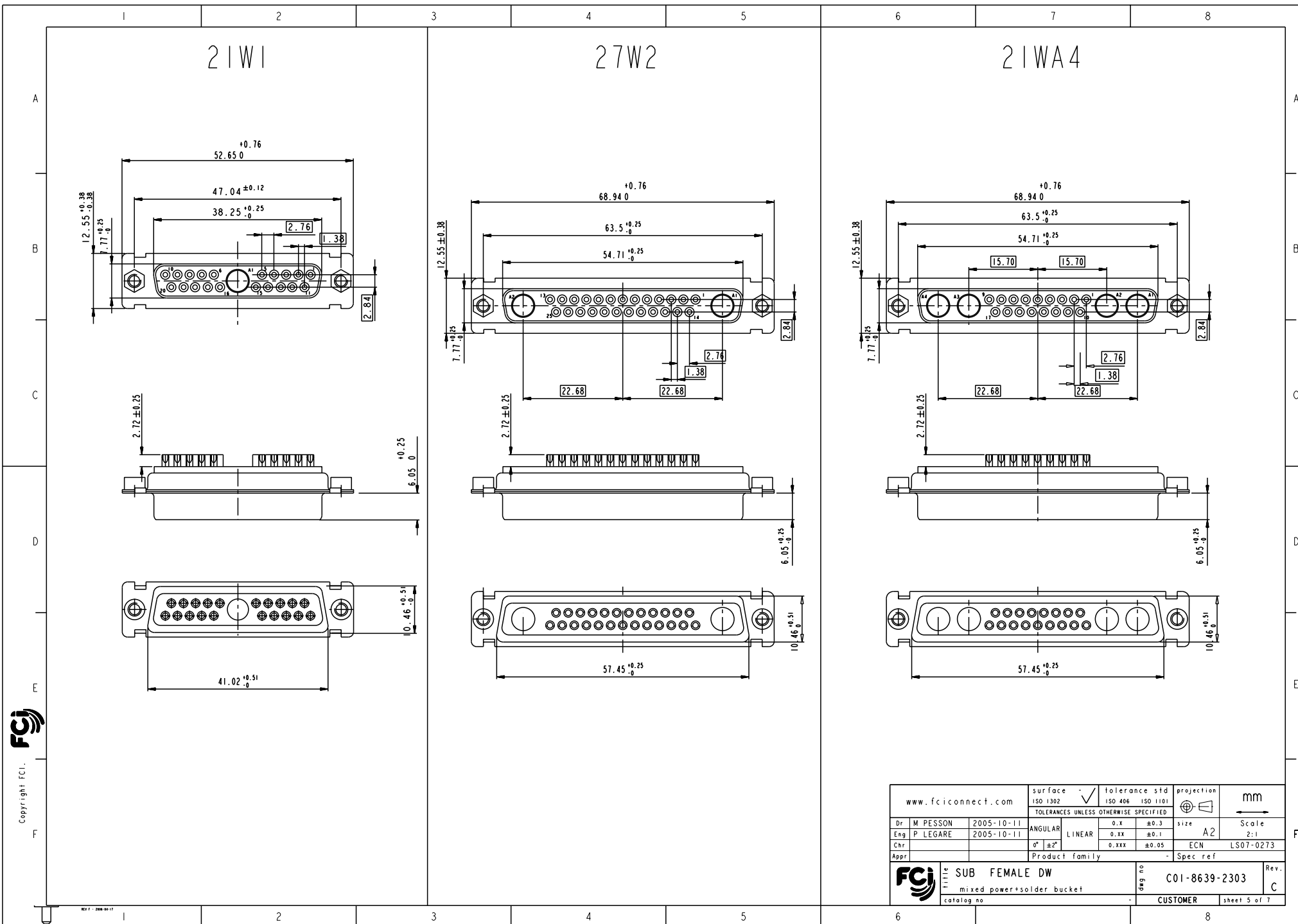


Copyright FCI.

Floating signal contacts

www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	M PESSON	2005-10-11	ANGULAR	0.X	±0.3		size	Scale
Eng	P LEGARE	2005-10-11	LINEAR	0.XX	±0.1		A2	2:1
Chr			0° ±2°	0.XXX	±0.05		ECN	LS07-0273
Appr			Product family	Spec ref				
FCI		SUB FEMALE DW		mixed power+solder bucket		C01-8639-2303		Rev.
catalog no						CUSTOMER		C
						sheet 3 of 7		





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			ing no C01-8639-2303	Rev. C
catalog no		-			CUSTOMER	sheet 6 of 7

