

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: ≤ 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 + Ni + 3 to 10µm Sn,pure bright

- Accessories: Sn pure bright + nickel

- Packaging spec: See GS-14-920

DBL13W3P043A00LF

Series

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

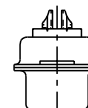
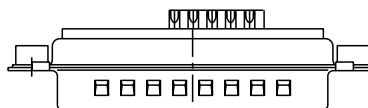
A without accessory on PCB

Power contacts

00 without power contact

See note RoHS

I3W3 FOR EXAMPLE



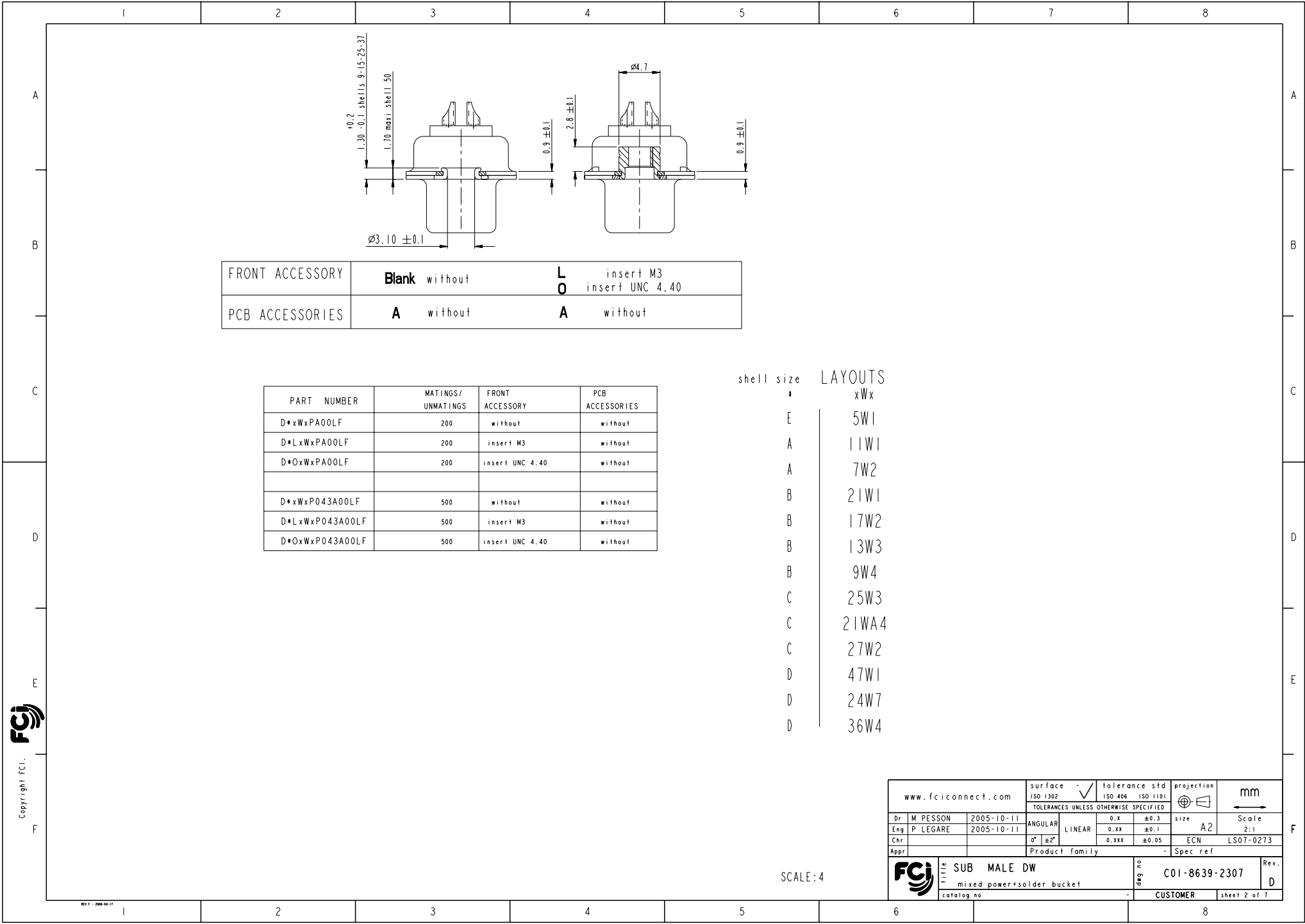
www.fciconnect.com				surface - ☒		tolerance std		projection		mm	
				ISO 1302		ISO 406		ISO 1101			
				TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr		M PESSON		2005-10-11		ANGULAR		0.X		size	
Eng		P LEGARE		2005-10-11		LINEAR		0.XX		A2	
Chr						0° ±2°		0.XXX		Scale	
Appr						Product family		- Spec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

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		



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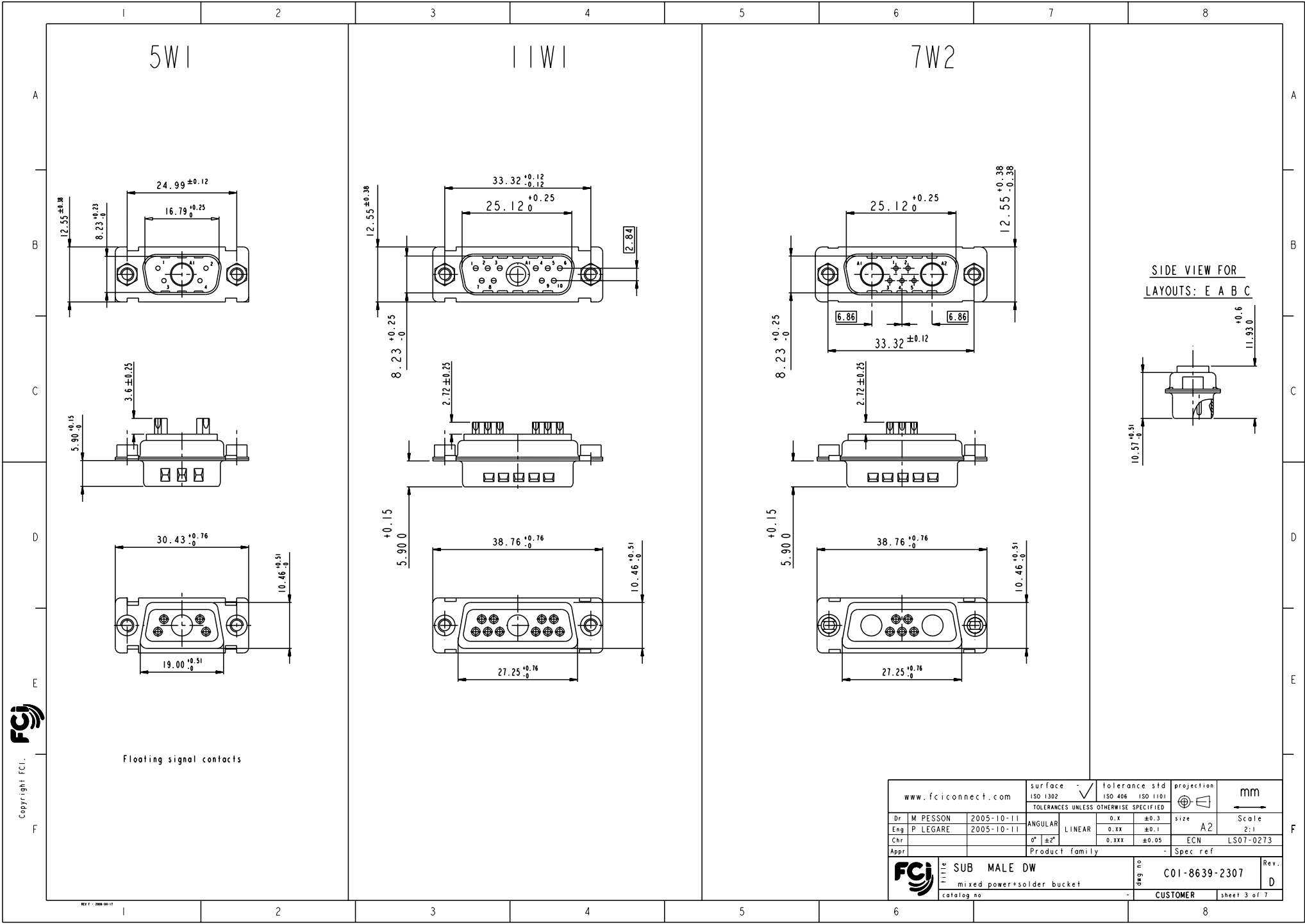
FRONT ACCESSORY	Blank without	L insert M3
PCB ACCESSORIES	A without	O insert UNC 4.40

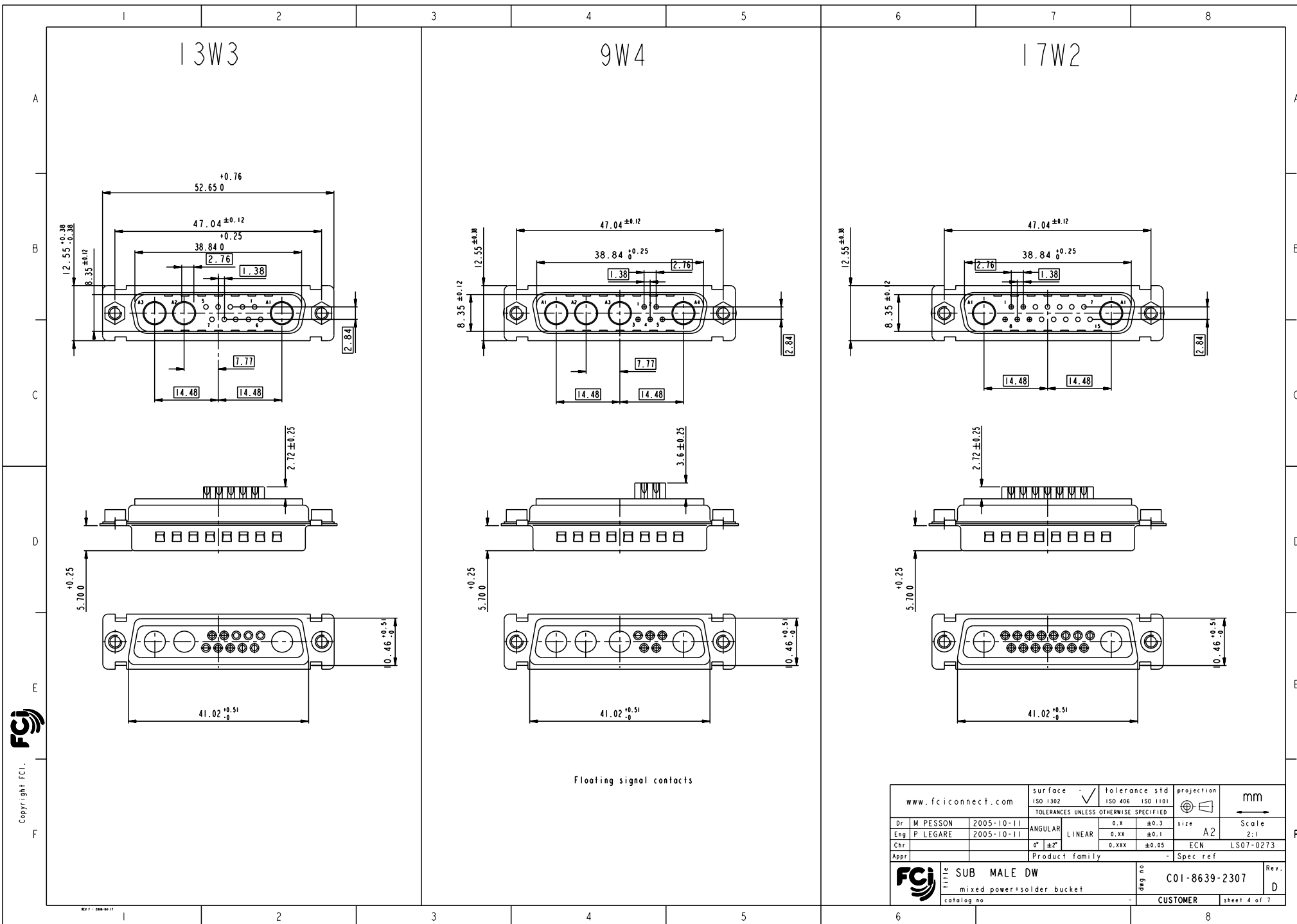
PART NUMBER	MATINGS/ UNMATINGS	FRONT ACCESSORY	PCB ACCESSORIES
D*xWxPA00LF	200	without	without
D*LxWxPA00LF	200	insert M3	without
D*OxWxPA00LF	200	insert UNC 4.40	without
D*xWxP043A00LF	500	without	without
D*LxWxP043A00LF	500	insert M3	without
D*OxWxP043A00LF	500	insert UNC 4.40	without

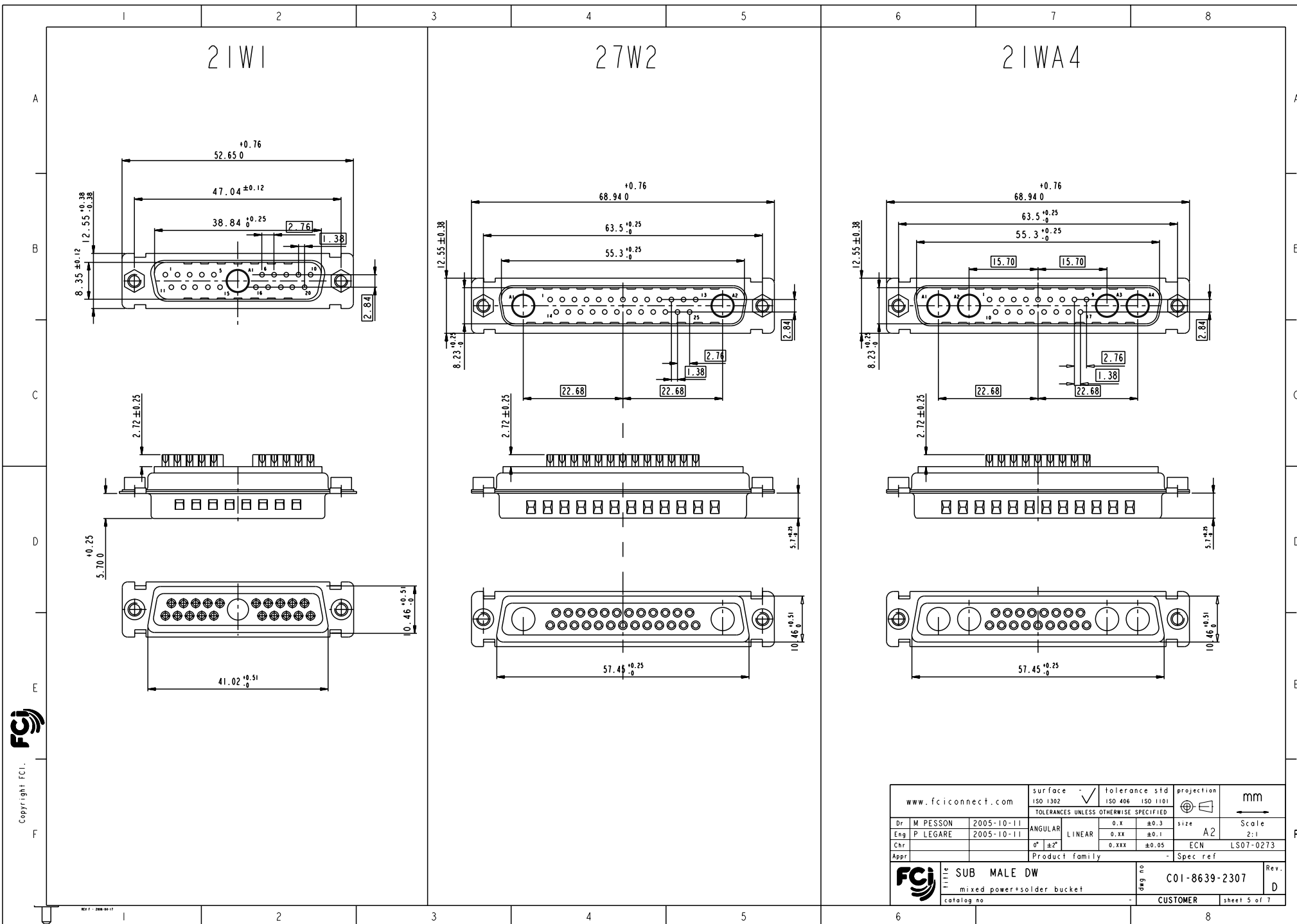
shell size	LAYOUTS
E	xWx 5W1
A	11W1
A	7W2
B	21W1
B	17W2
B	13W3
B	9W4
C	25W3
C	21WA4
C	27W2
D	47W1
D	24W7
D	36W4

SCALE: 4

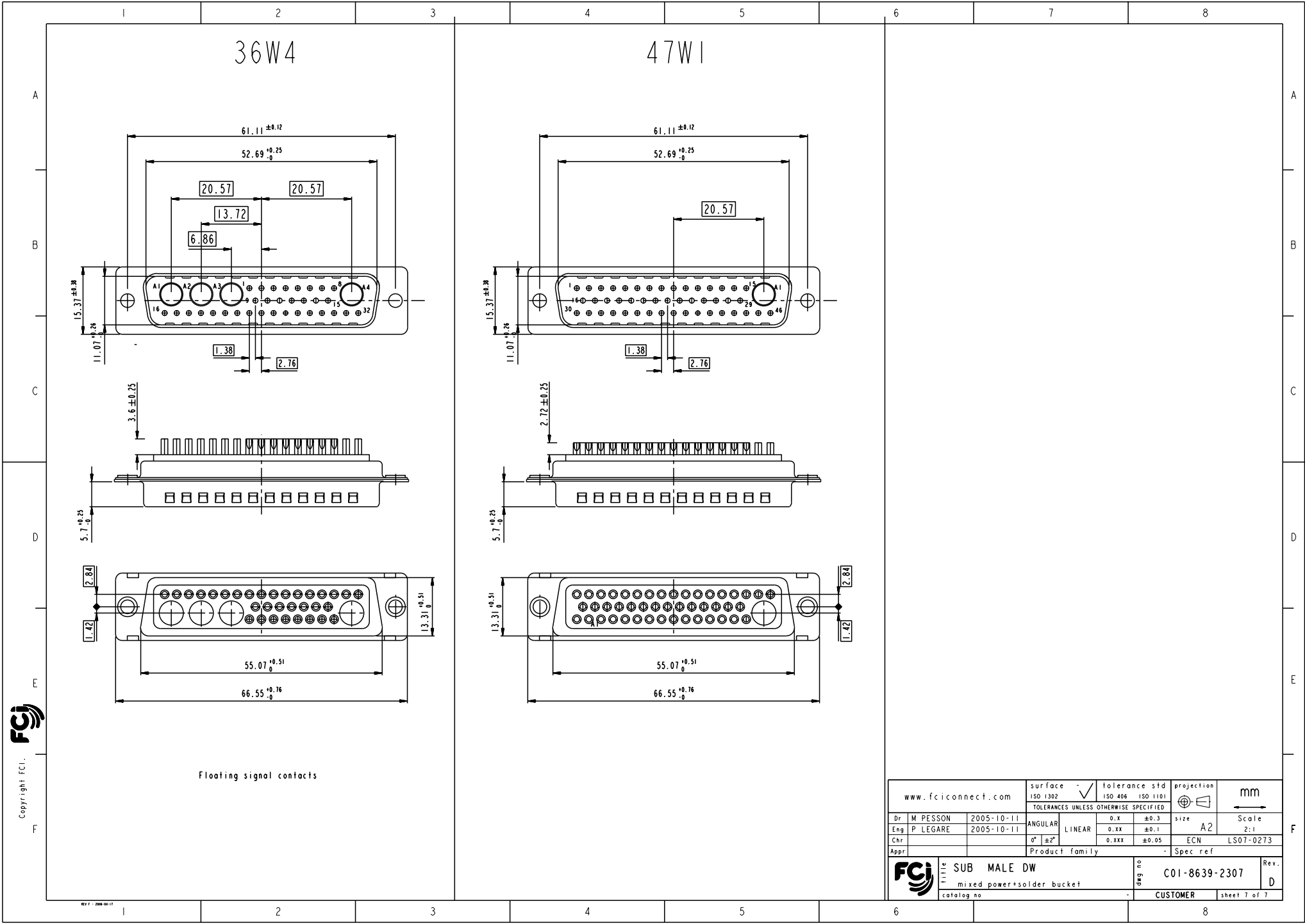
www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED					size	Scale
Dr	M PESSON	2005-10-11	ANGULAR	0.X	±0.3		A2	2:1
Eng	P LEGARE	2005-10-11	LINEAR	0.XX	±0.1			
Chr			0° ±2°	0.XXX	±0.05		ECN	LS07-0273
Appr			Product family			Spec ref		
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 ☒ tolerance std ISO 1302 ISO 406 ISO 1101			projection 		mm 	
TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	M PESSON	2005-10-11	ANGULAR	LINEAR	0.x 0.xx 0.xxx	±0.3 ±0.1 ±0.05	size A2	Scale 2:1	
Eng	P LEGARE	2005-10-11					ECN		LS07-0273
Chr			0° ±2°				Spec ref		
Appr			Product family				-		
		Title SUB MALE DW mixed power+solder bucket				Catloga no -		CUSTOMER	
						sheet 6 of 7		Rev. D	



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