

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

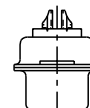
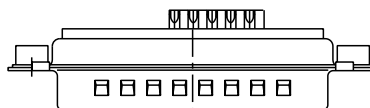
A without accessory on PCB

Power contacts

00 without power contact

See note RoHS

I3W3 FOR EXAMPLE



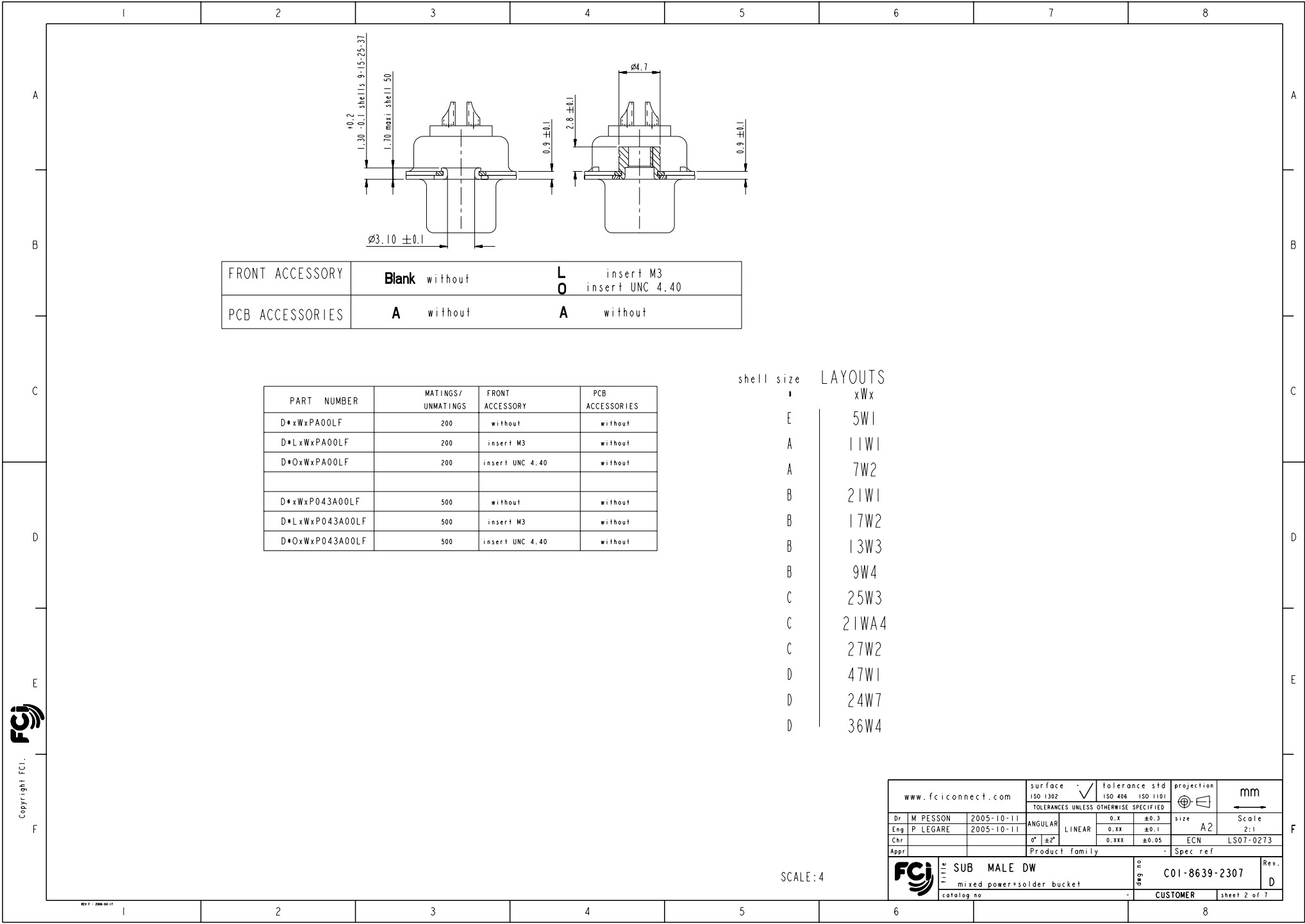
www.fciconnect.com				surface - ☒ tolerance std ISO 1302 ISO 406 ISO 1101			projection 		mm 	
				TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	M PESSON		2005-10-11	ANGULAR		0.X	±0.3	size	Scale	
Eng	P LEGARE		2005-10-11	LINEAR		0.XX	±0.1	A2	2:1	
Ch				0° ±2°		0.XXX	±0.05	ECN	LS07-0273	
13				Product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

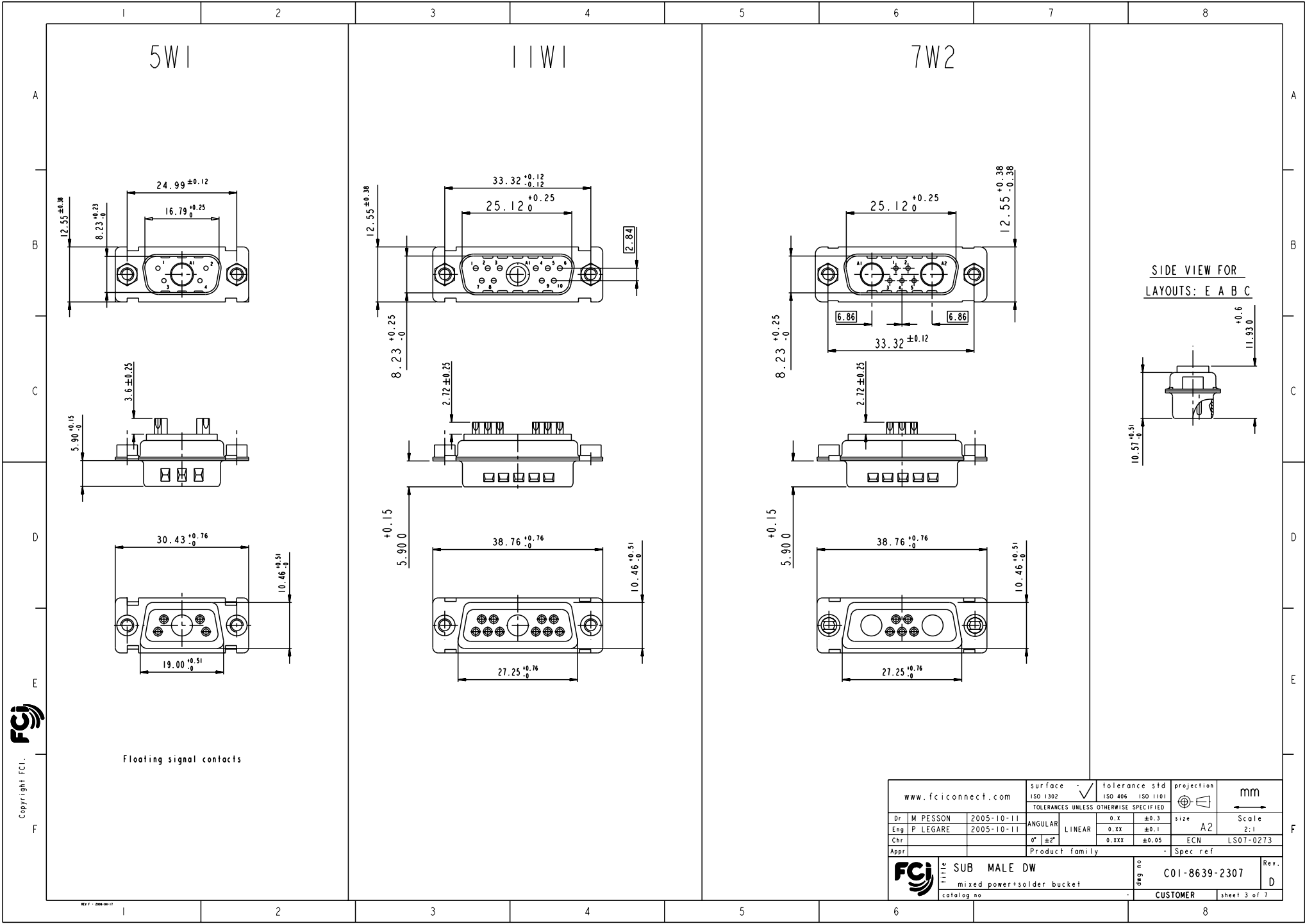
rev	ecn no	dr	date
A	LS05-0101	MPE	2005-10-11
B	LS06-0208	LGO	2006-12-13
C	LS07-0173	MPE	2007-06-18
D	LS07-0273	MPE	2007-10-31
-	-	-	-
-	-	-	-
-	-	-	-

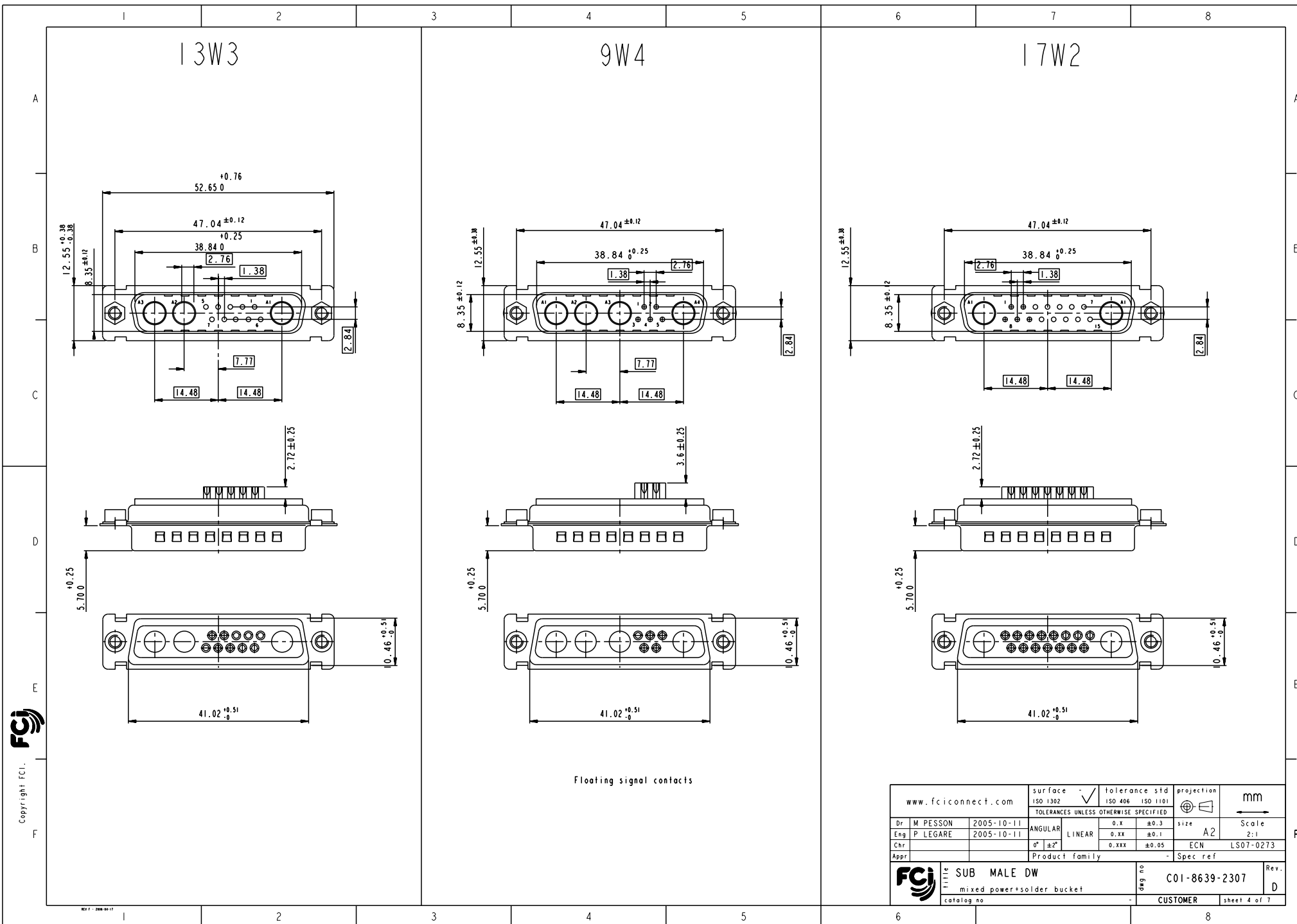


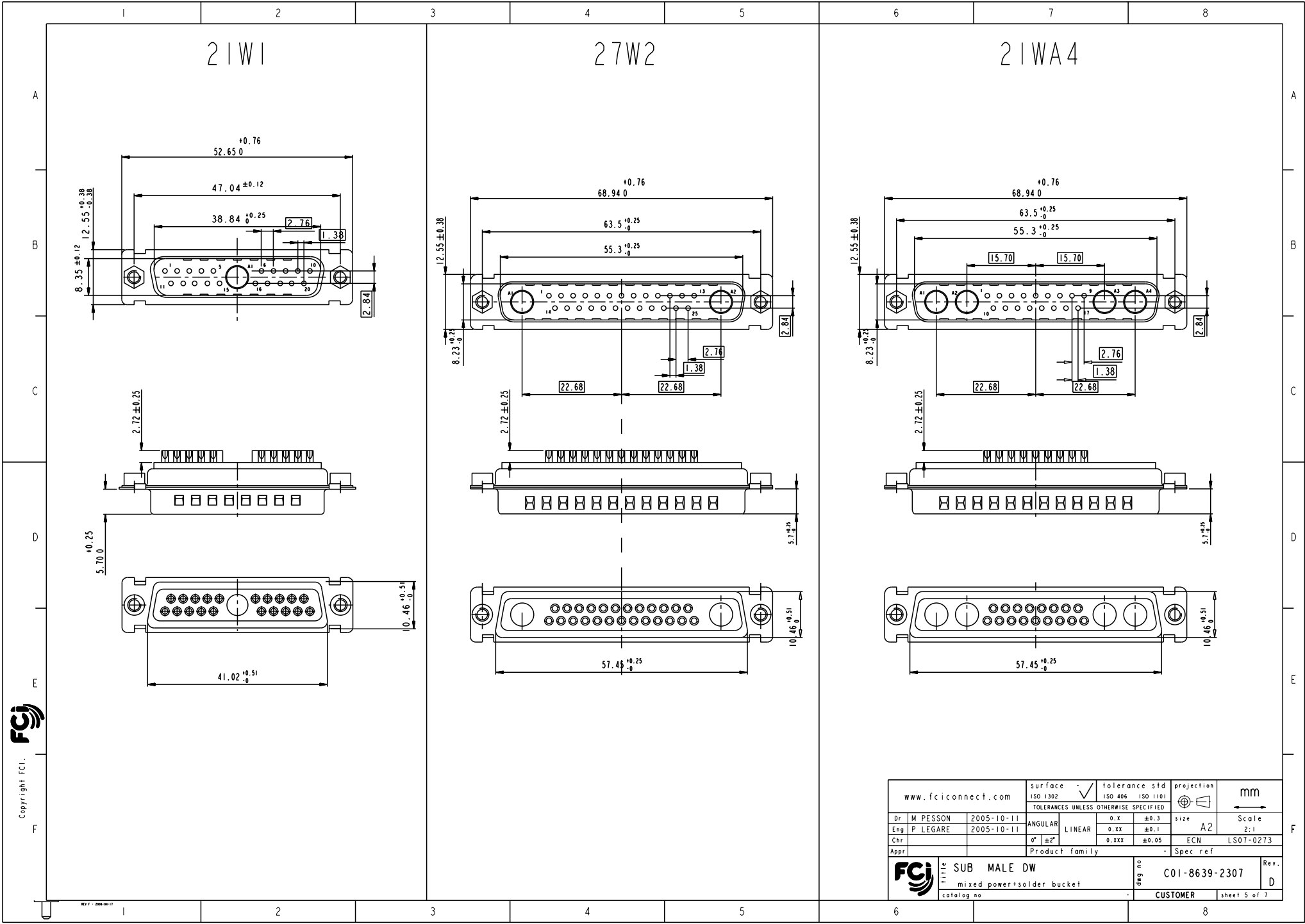
FCI
SUB MALE DW
mixed power+solder bucket
catalog no

deg no
C01-8639-2307
sheet 1 of 7

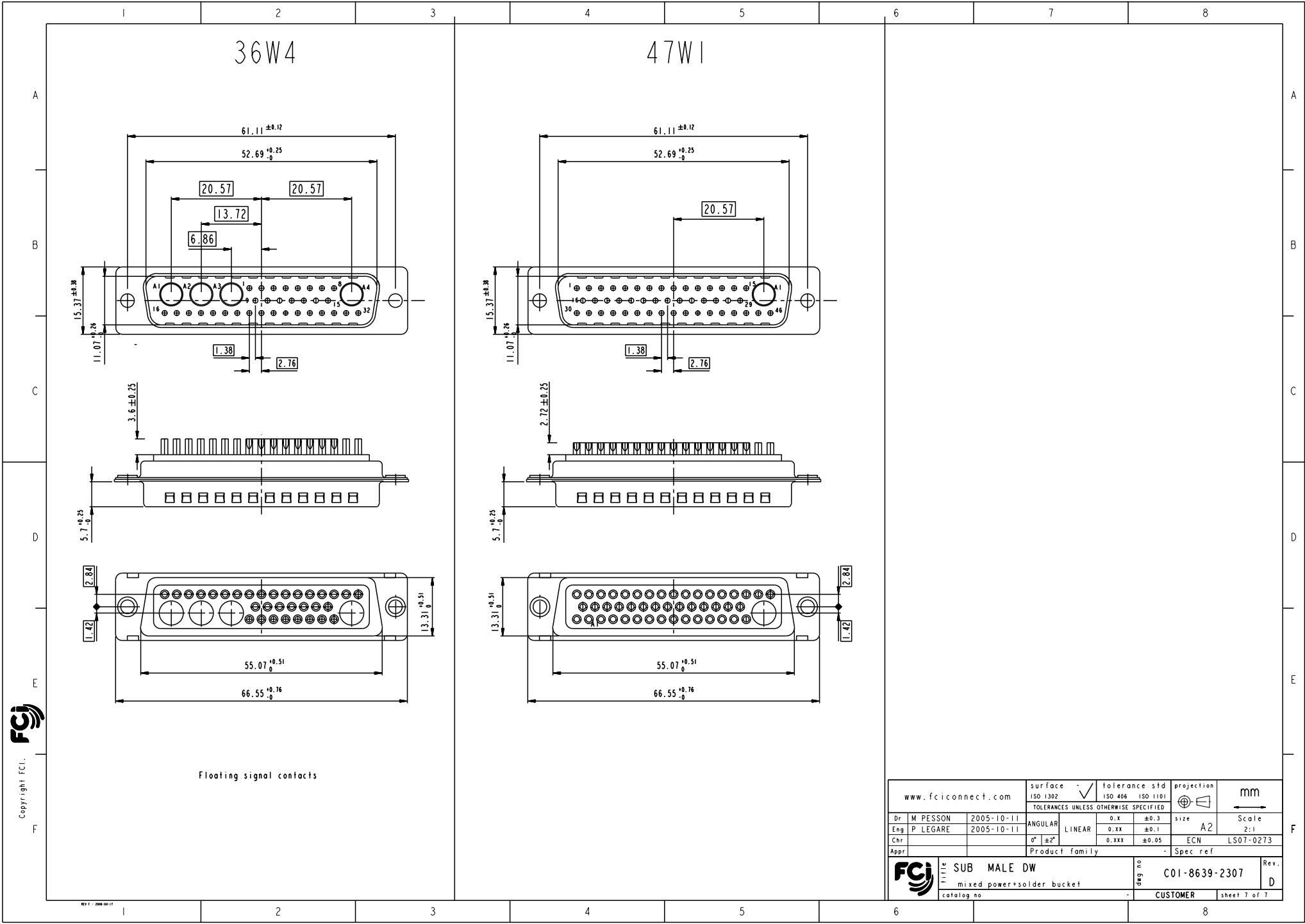








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www.fciconnect.com		surface -	tolerance std	projection	mm	
		ISO 1302	ISO 406	ISO 1101		
		TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	M PESSON	2005-10-11	ANGULAR	0.X	±0.3	size A2
Eng	P LEGARE	2005-10-11	LINEAR	0.XX	±0.1	Scale 2:1
Chr			0° ±2°	0.XXX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