

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

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

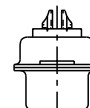
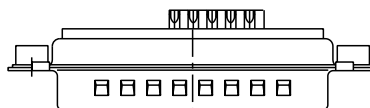
A without accessory on PCB

Power contacts

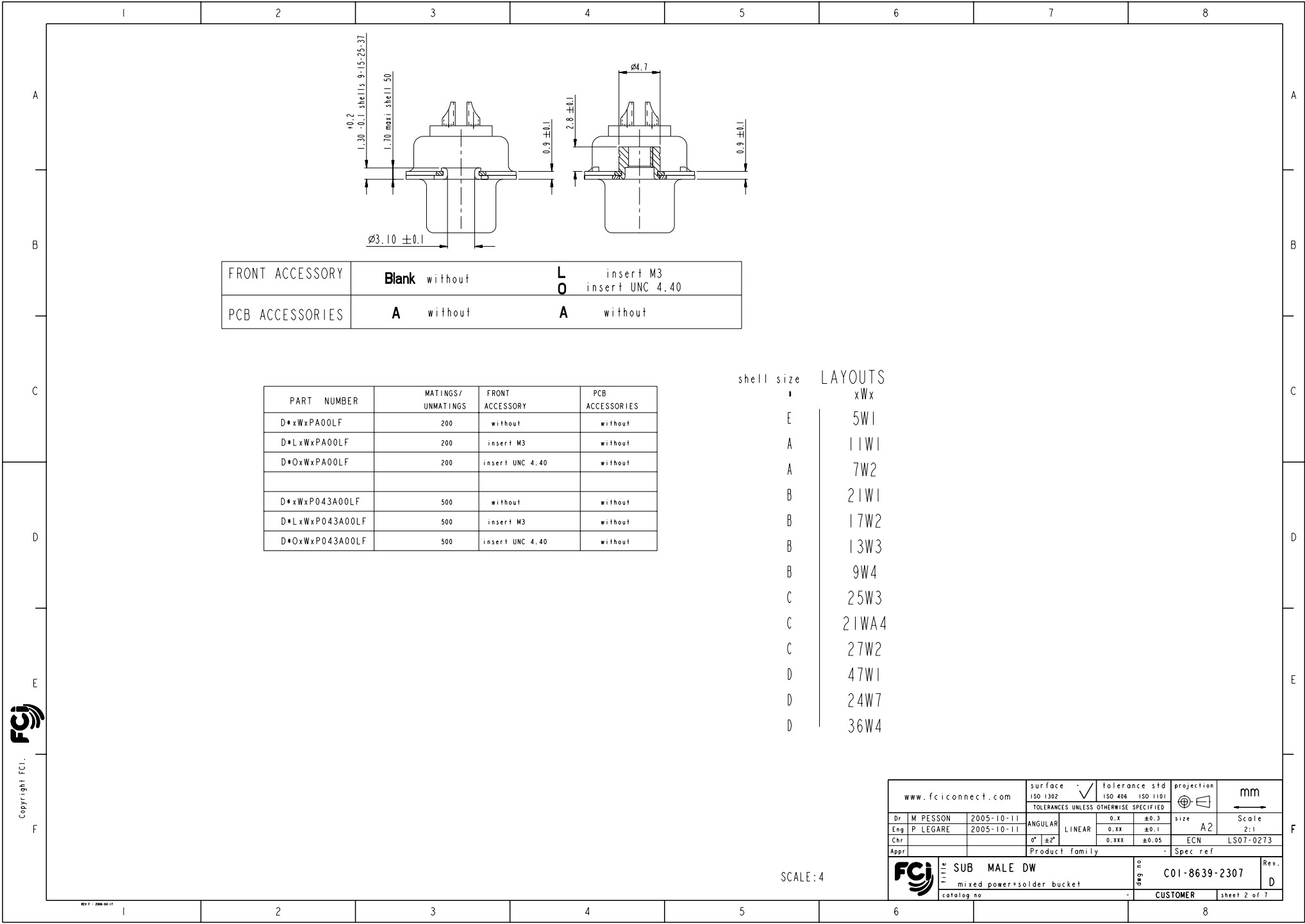
00 without power contact

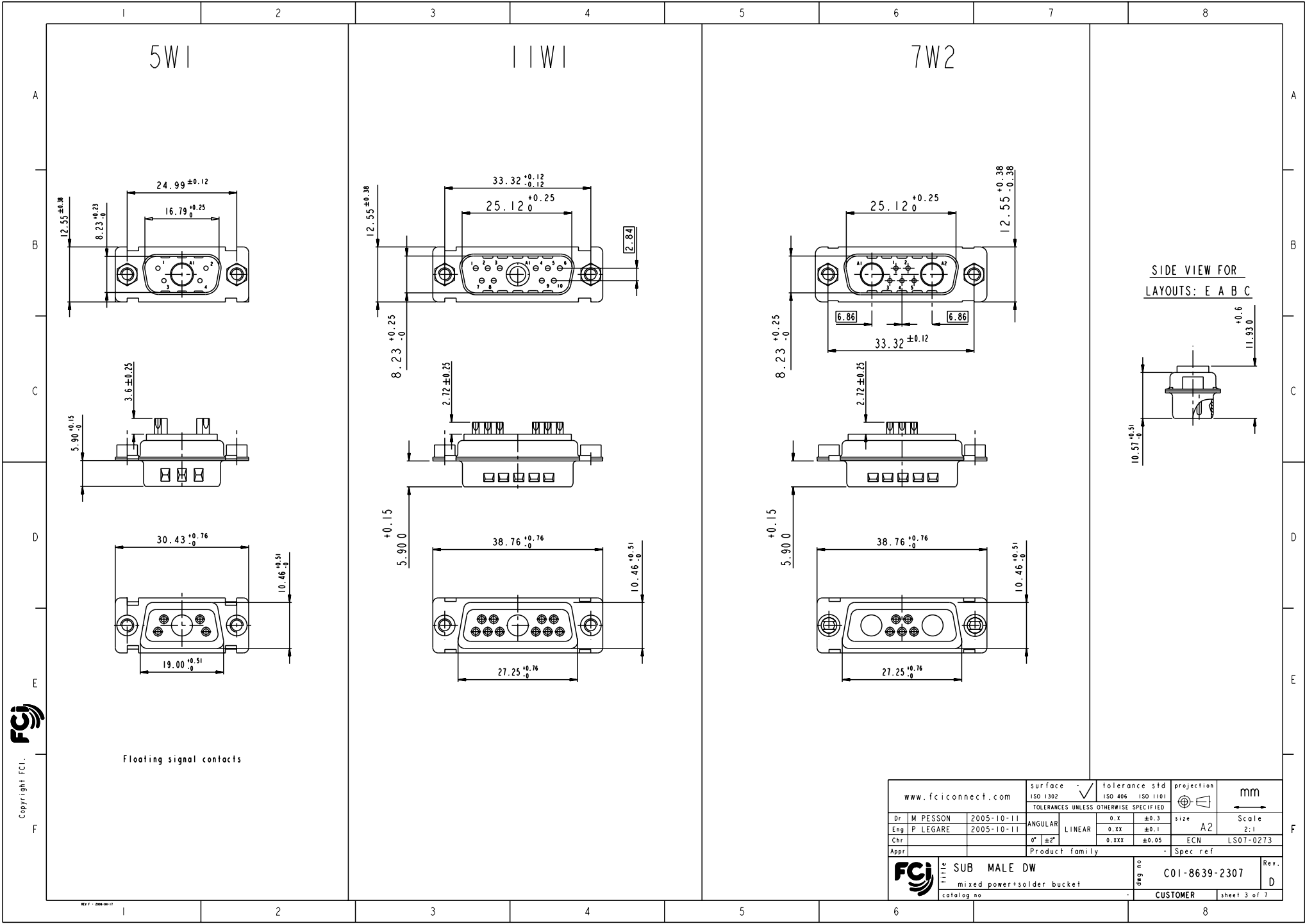
See note RoHS

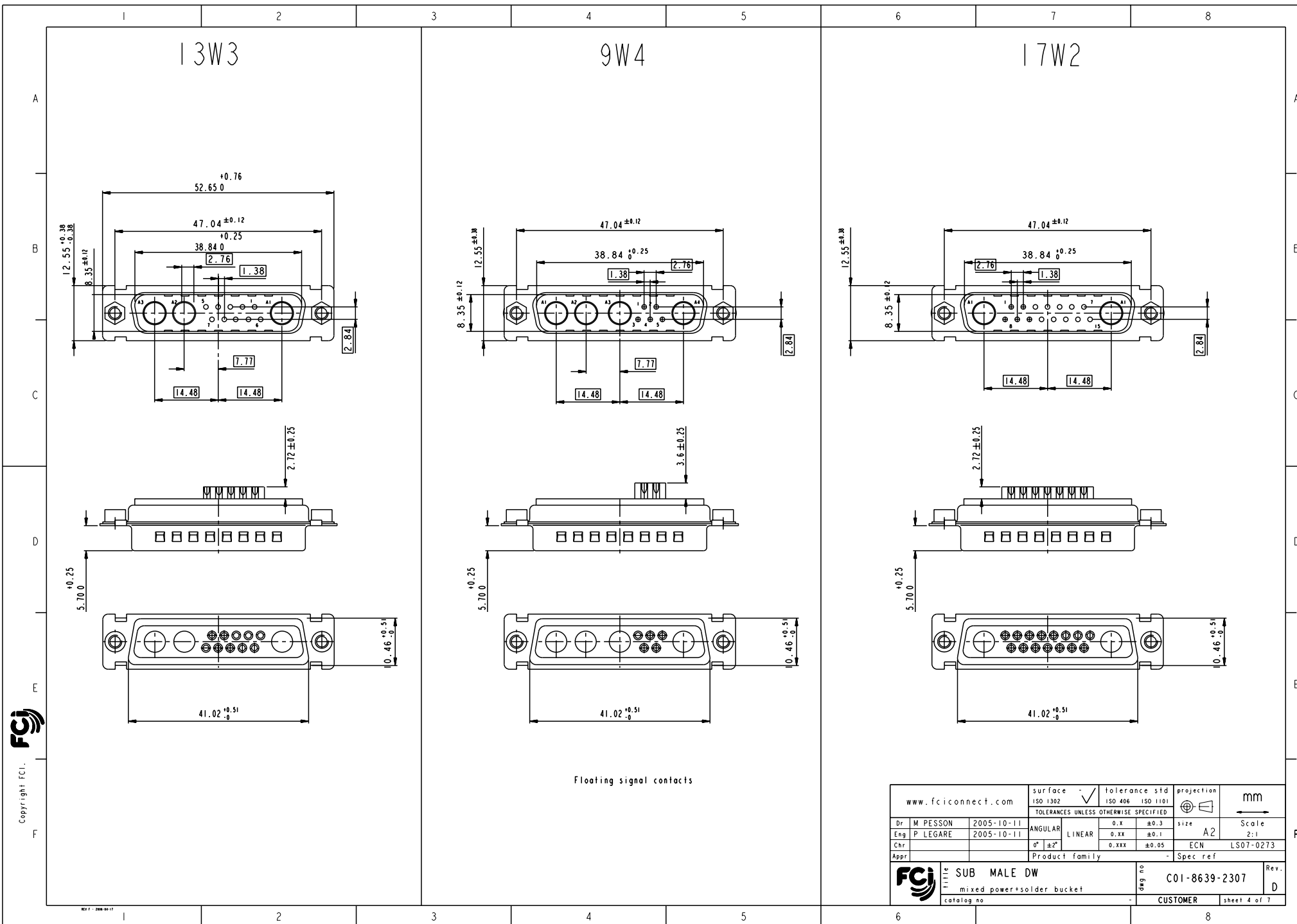
I3W3 FOR EXAMPLE

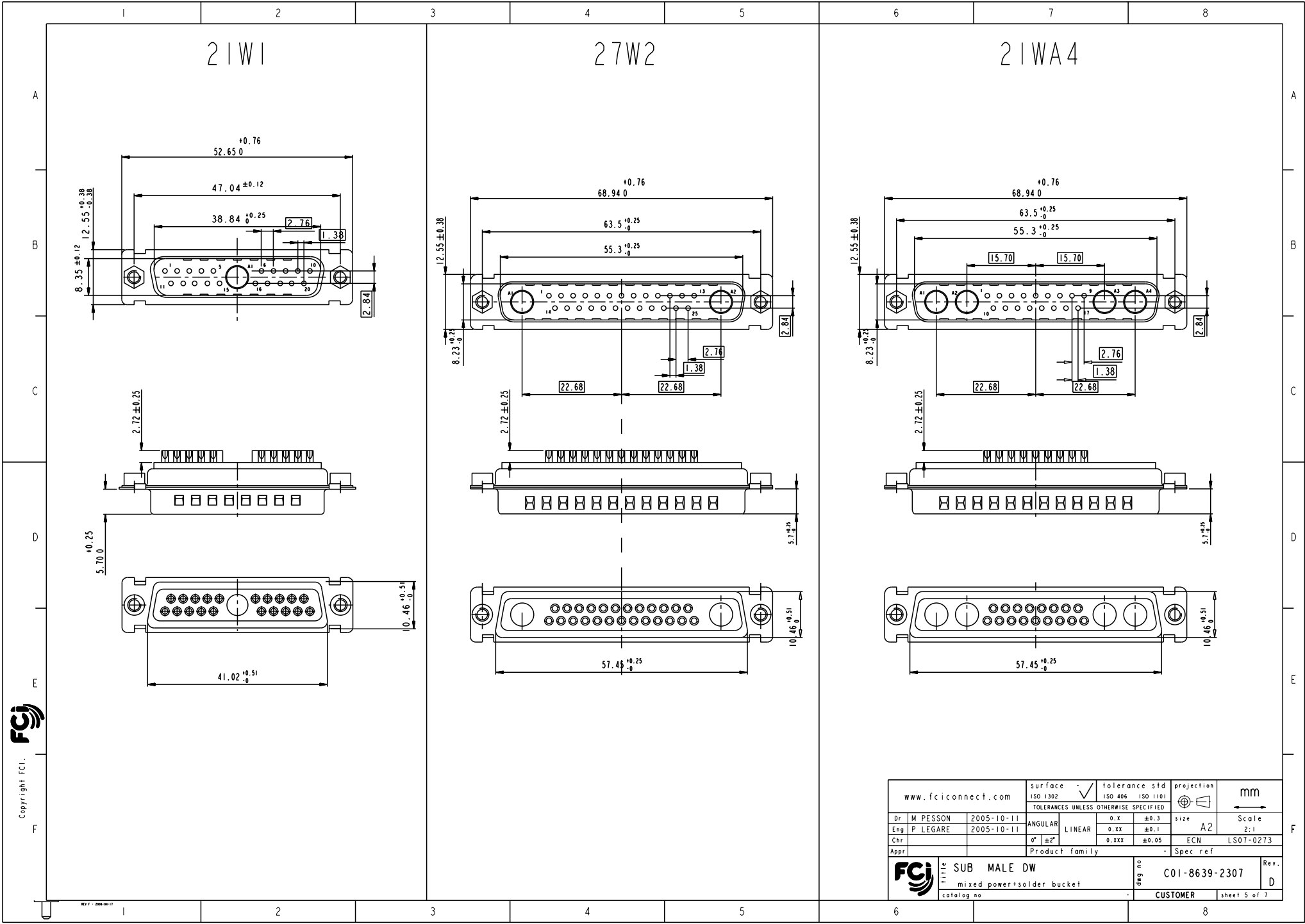


www.fciconnect.com				surface - ☒ tolerance std ISO 1302 ISO 406 ISO 1101		projection 		mm 			
TOLERANCES UNLESS OTHERWISE SPECIFIED											
Dr M PESSON		2005-10-11		ANGULAR		0.X ±0.3		size A2 Scale 2:1			
Eng P LEGARE		2005-10-11		LINEAR		0.XX ±0.1					
Chr				0° ±2°		0.XXX ±0.05		ECN LS07-0273	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

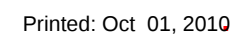


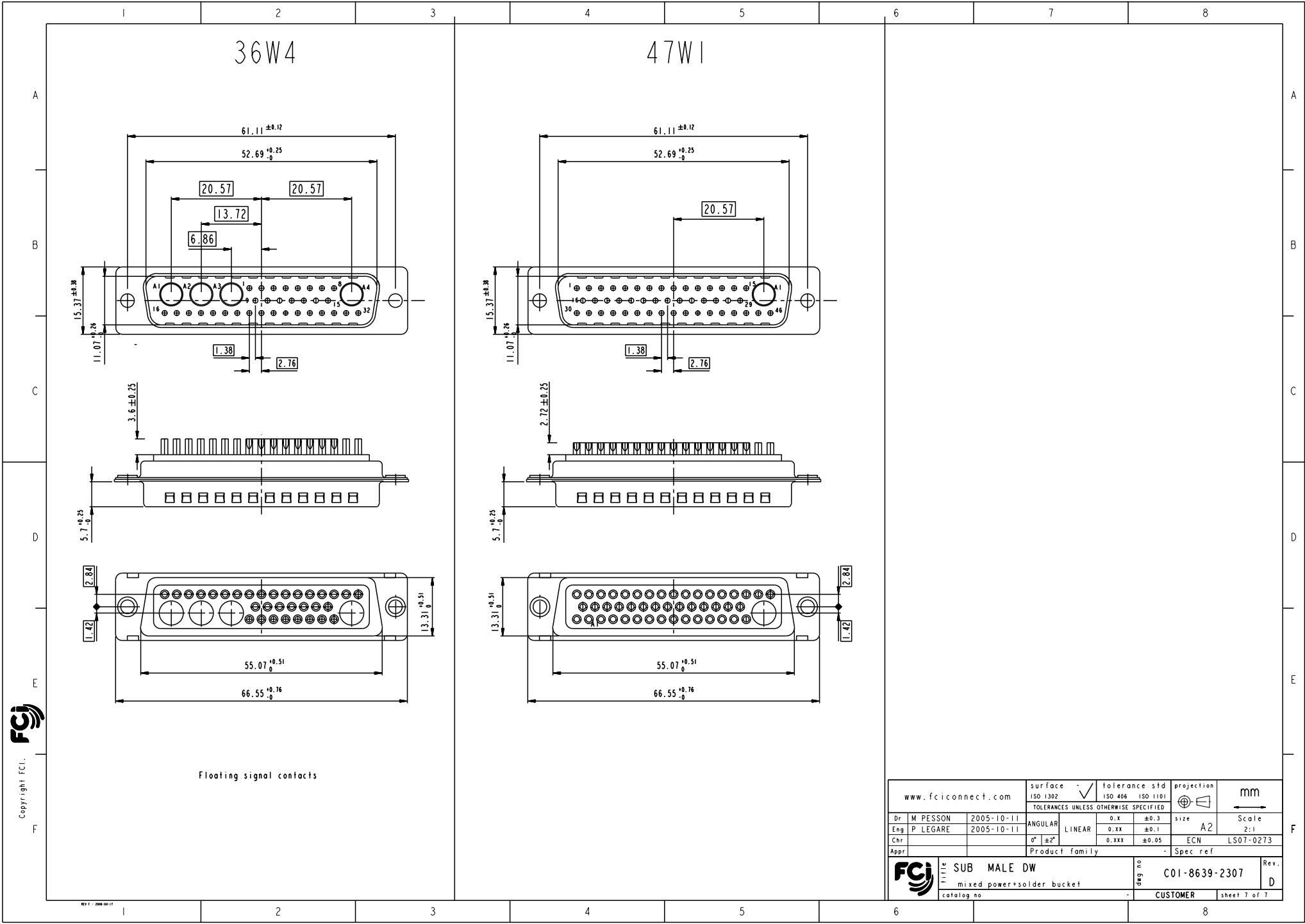






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			mixed power+solder bucket						
catalog no			CUSTOMER			sheet 7 of 7			