

REFERENCE SPECIFICATIONS

-NFC 93425 (in compliance with HE 507)

PHYSICAL CHARACTERISTICS

-INSULATOR MATERIAL: THERMOPLASTIC UL94V0

-CONTACT MATERIAL: PHOSPHOR BRONZE (signal contact)
GOLD OVER NICKEL

-ACCESSORIES: STAINLESS STEEL or BRASS
Cadmium plated, yellow passivation

-SHELLS: STEEL
Cadmium plated, yellow passivation

ELECTRICAL CHARACTERISTICS

-NOMINAL CURRENT: 7.5A

-CONTACT RESISTANCE: <= 7.3 m ohms signal

-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 56 DAYS

SALT SPRAY 48 HOURS

MECHANICAL CHARACTERISTICS

- RETENTION AGAINST TORQUE: - Threaded insert: 0.7 N.m minimum
- Female screw : 0.5 N.m minimum

Series

DBML13W3S043N

Shell size: **E A B C D**
see sheet 3

M :characteristic
for the DM series

Front accessory definition
see sheet 2

Blank :without accessory

O :threaded insert M3

L :threaded insert UNC 4-40

V :female screw UNC 4-40

F :floating mounting

Layout of contacts

Contacts

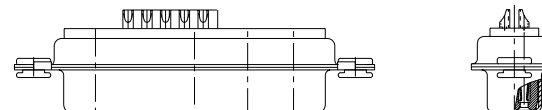
S :Socket

Plating

Blank solder bucket 500 matings/unmatings

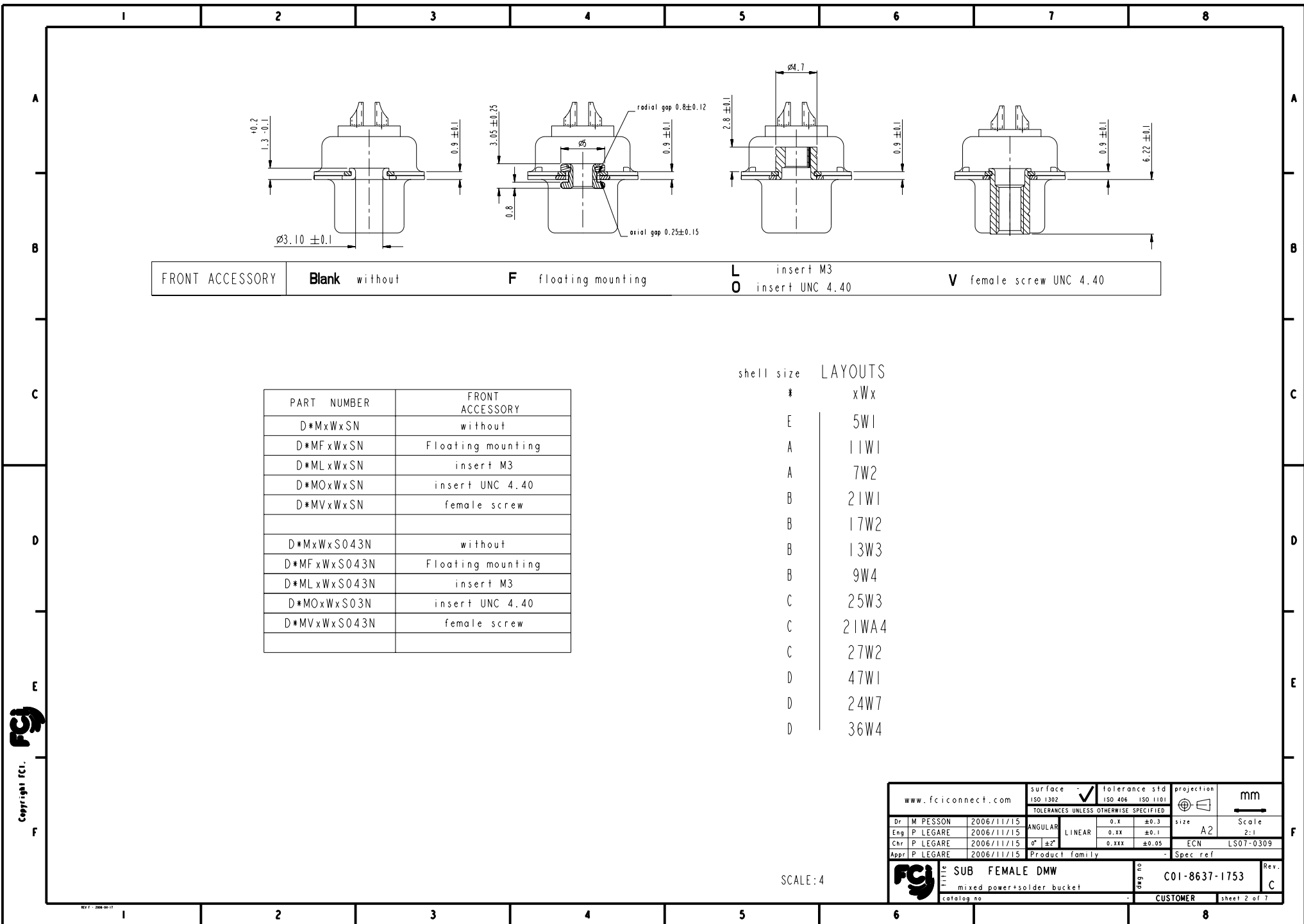
043 solder bucket 500 matings/unmatings for harsh environment

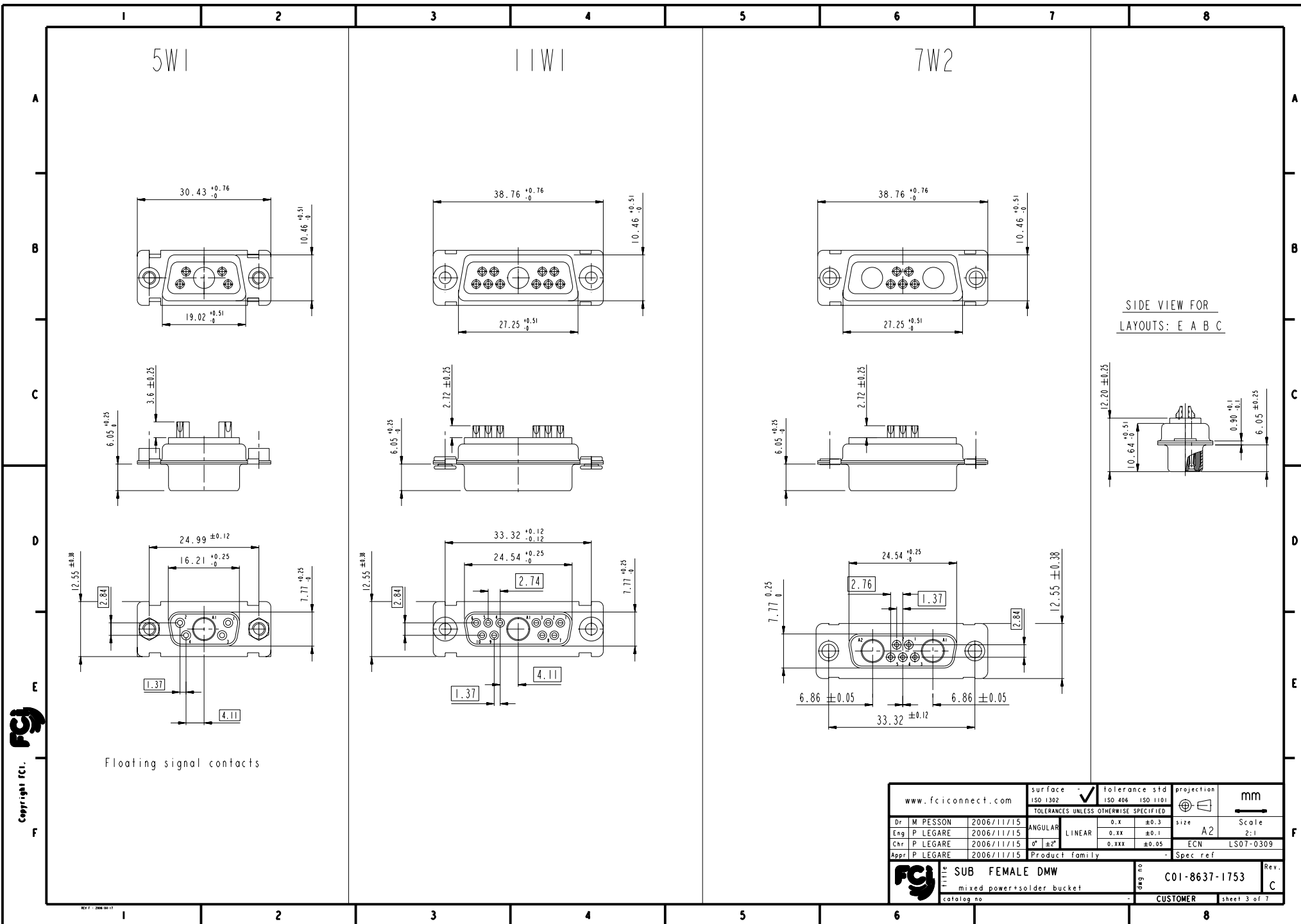
N :obligatory indication for HE 507 series



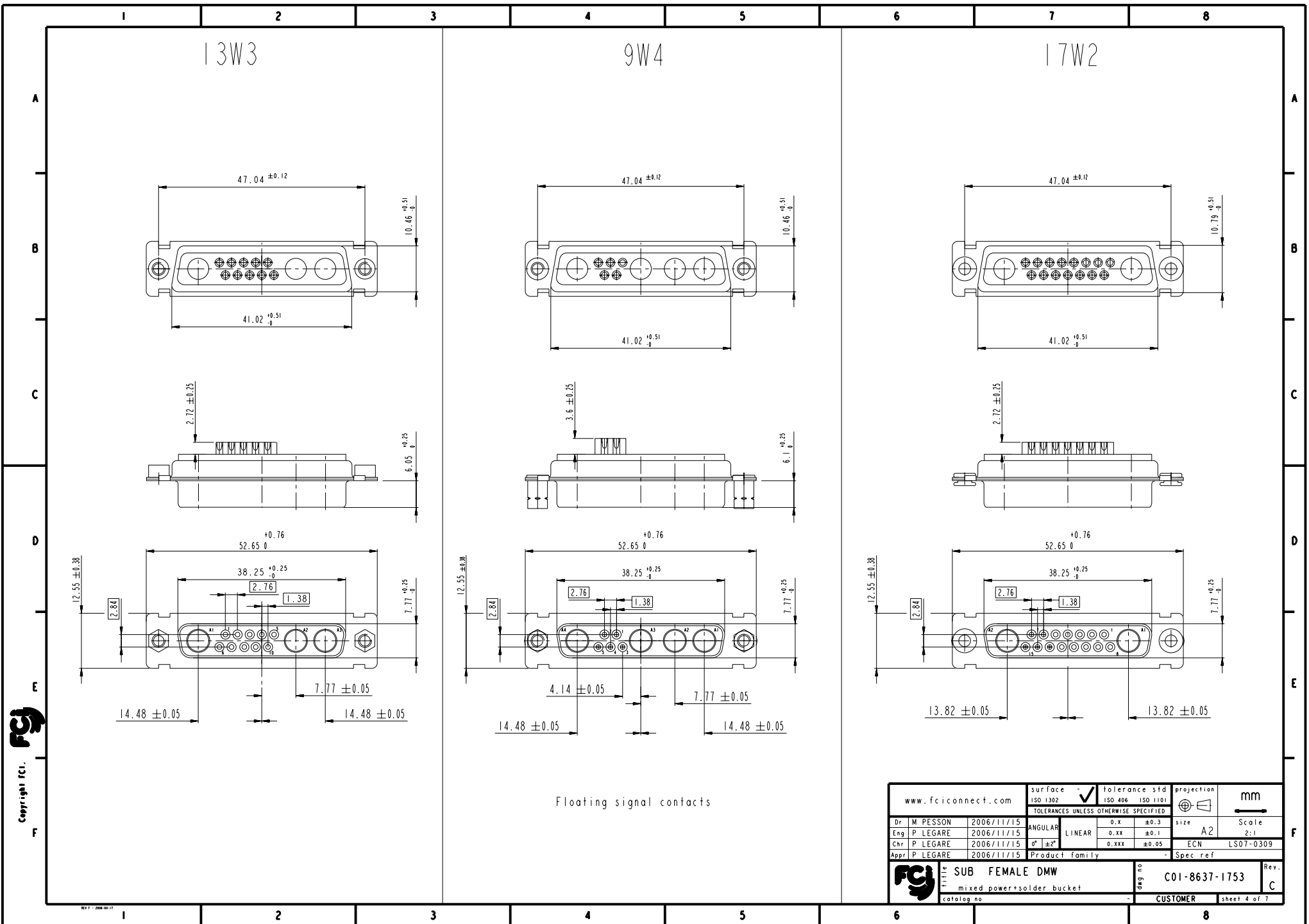
13W3 FOR EXAMPLE

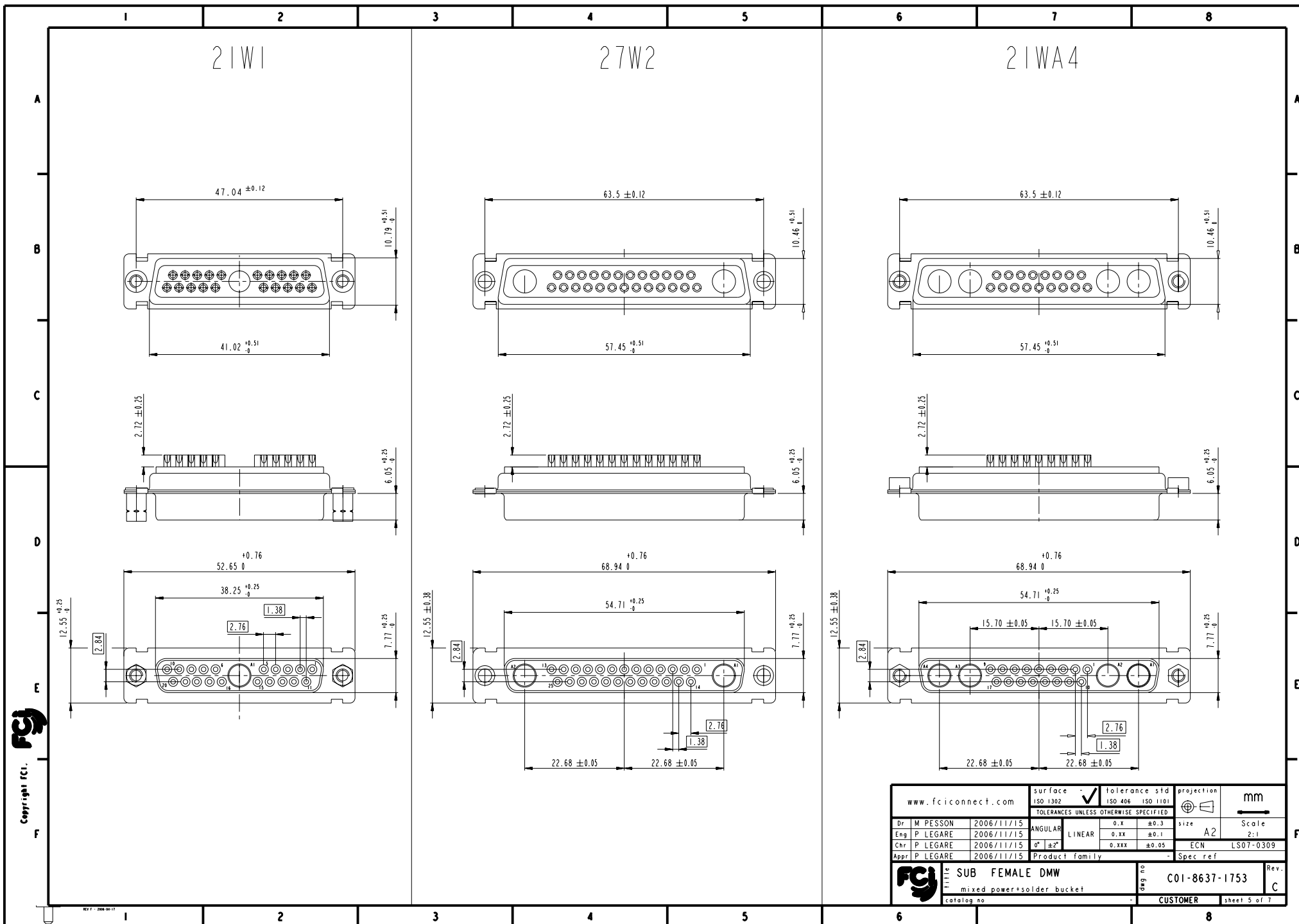
www.fciconnect.com				surface - ☒ tolerance std ISO 1302 ISO 406 ISO 1101		projection 		mm 			
				TOLERANCES UNLESS OTHERWISE SPECIFIED							
				ANGULAR		0.X ±0.3		size A2 Scale 2:1			
				LINEAR		0.XX ±0.1					
				0° ±2°		0.XXX ±0.05		ECN LS07-0309			
				Product family						- Spec ref	
				SUB FEMALE DMW		deg no C01-8637-1753		Rev			
				mixed power+solder bucket				C			
				catalog no		CUSTOMER		sheet 1 of 7			

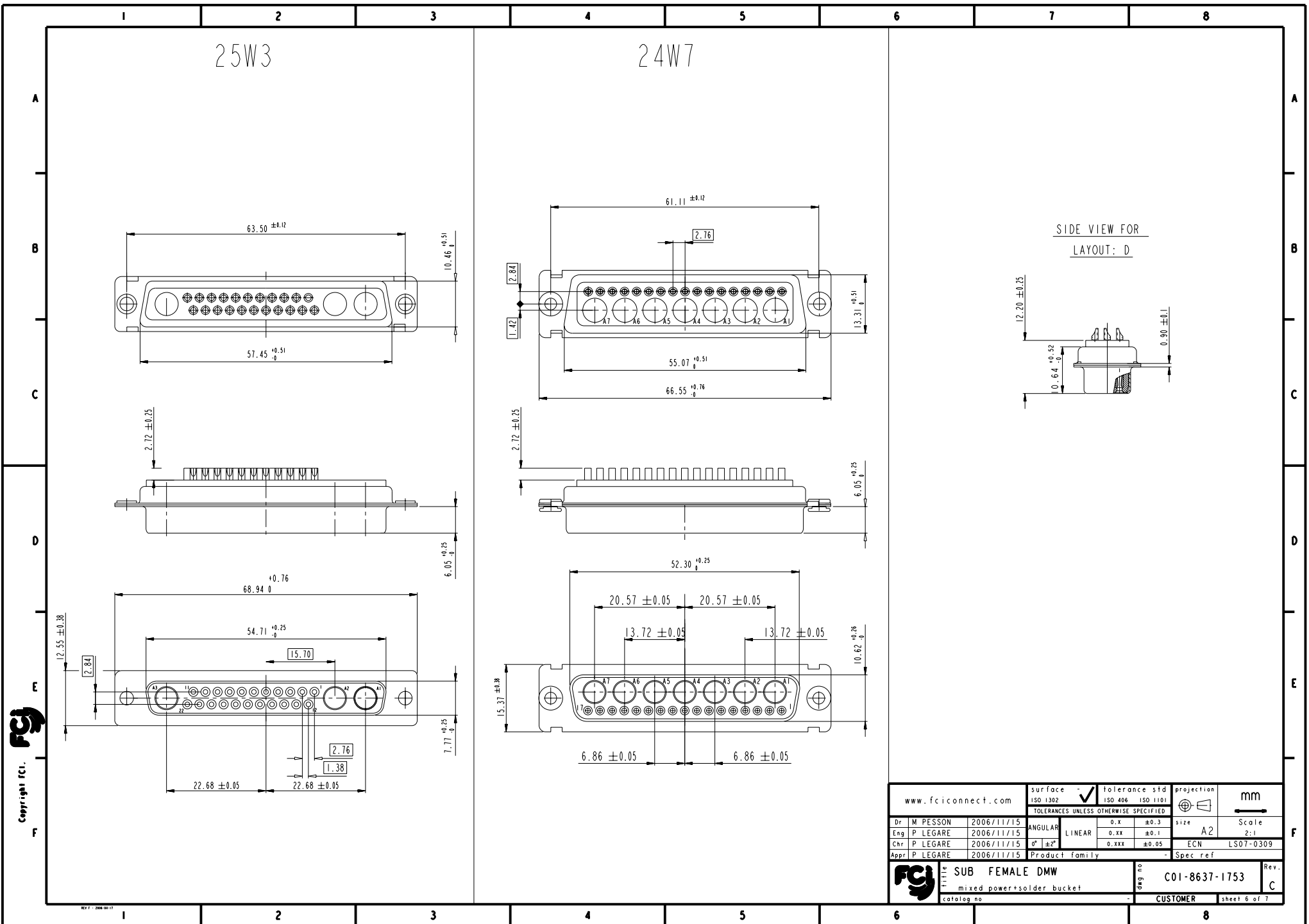




www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	M. PESSON	2006/11/15	ANGULAR	0.X	±0.3		size	A2
Eng	P. LEGARE	2006/11/15	LINEAR	0.XX	±0.1		Scale	2:1
Chr	P. LEGARE	2006/11/15	0° ±2°	0.XXX	±0.05		ECN	LS07-0309
Appr	P. LEGARE	2006/11/15	Product family				Spec. ref	
SUB FEMALE DMW		mixed power+solder bucket		C01-8637-1753		Rev. C		
catalog no		CUSTOMER		sheet 3 of 7				







www.fciconnect.com			surface - ☒ tolerance std ISO 1302 ISO 406 ISO 1101			projection 		mm 	
TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	M PESSON	2006/11/15	ANGULAR	LINEAR	0.X	±0.3	size A2	Scale 2:1	ECN LS07-0309
Eng	P LEGARE	2006/11/15			0.XX	±0.1			
Chr	P LEGARE	2006/11/15	0° ±2°		0.XXX	±0.05			
Appr	P LEGARE	2006/11/15	Product family				Spec ref		
			title SUB FEMALE DMW mixed power+solder bucket			C01-8637-1753			Rev. C
catalog no			-			CUSTOMER			sheet 6 of 7

