

# 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 (SIGNAL CONTACT)

-CONTACT RESISTANCE: <=7.3 m Ohms SIGNAL

-CONTACT/CONTACT : >=1000 V

-CONTACT/GROUND : >=1200 V

-INSULATION RESISTANCE: >=5000 MOhms

- CLIMATIC CATEGORY: 55/125/21

TEMPERATURE RANGE -55°C TO +125°C

DAMP HEAT STEADY STATE 56 DAYS

SALT SPRAY 48 HOURS

Series

# DBML13W3S400N

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

**L** :threaded insert M3

**O** :threaded insert UNC 4-40

**V** :female screw UNC 4-40

**F** :floating mounting

**S** :spacer

Layout of contacts (see sheet 3)

Contacts

**S** :Socket

Termination type

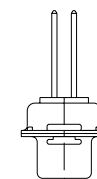
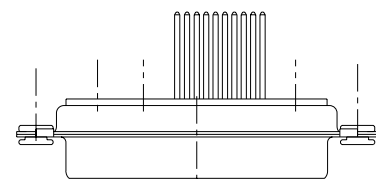
**4** 3 level wire wrap

Plating




**00** straight solder 500 matings/unmatings

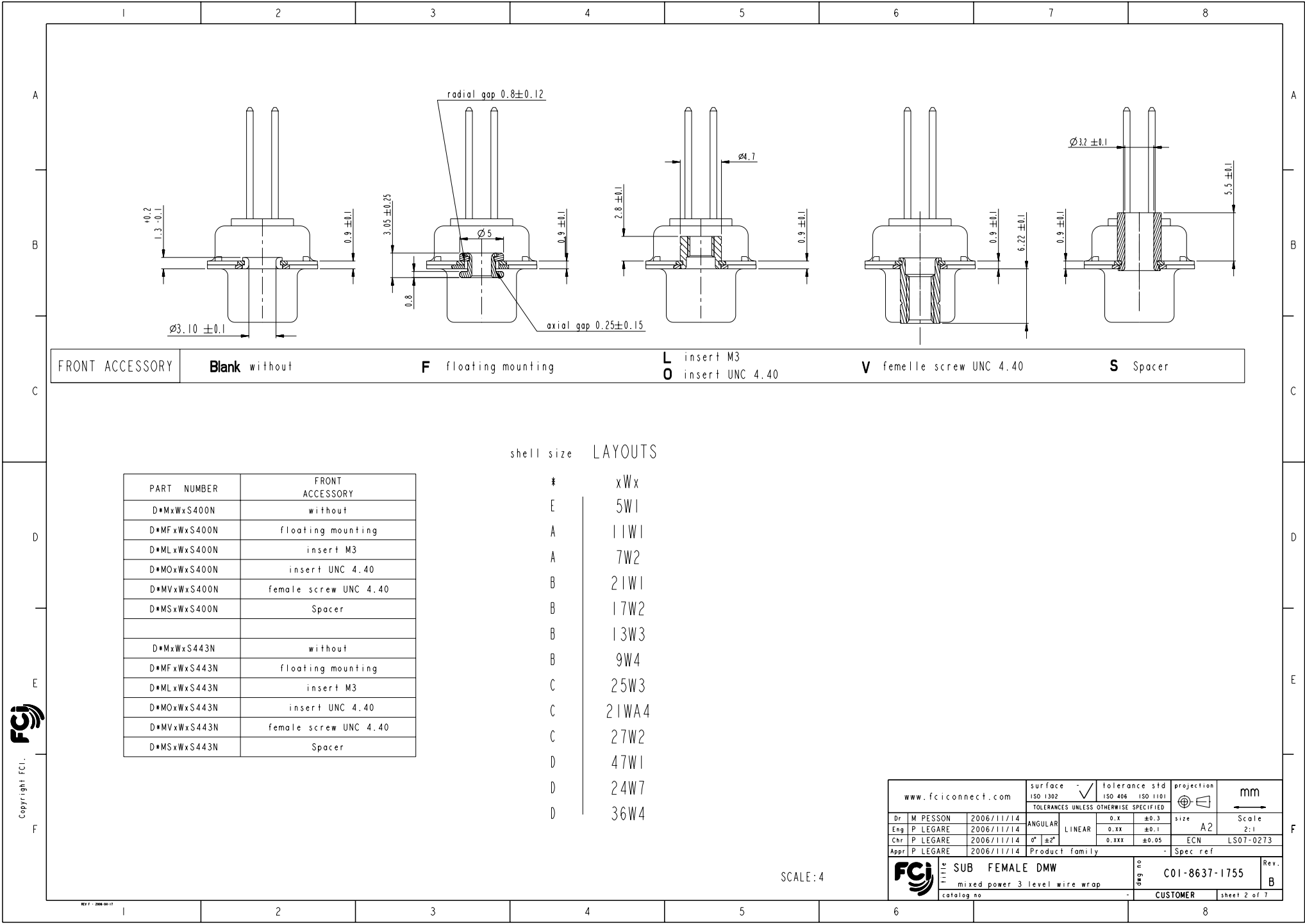
**43** straight solder 500 matings/unmatings for harsh environment

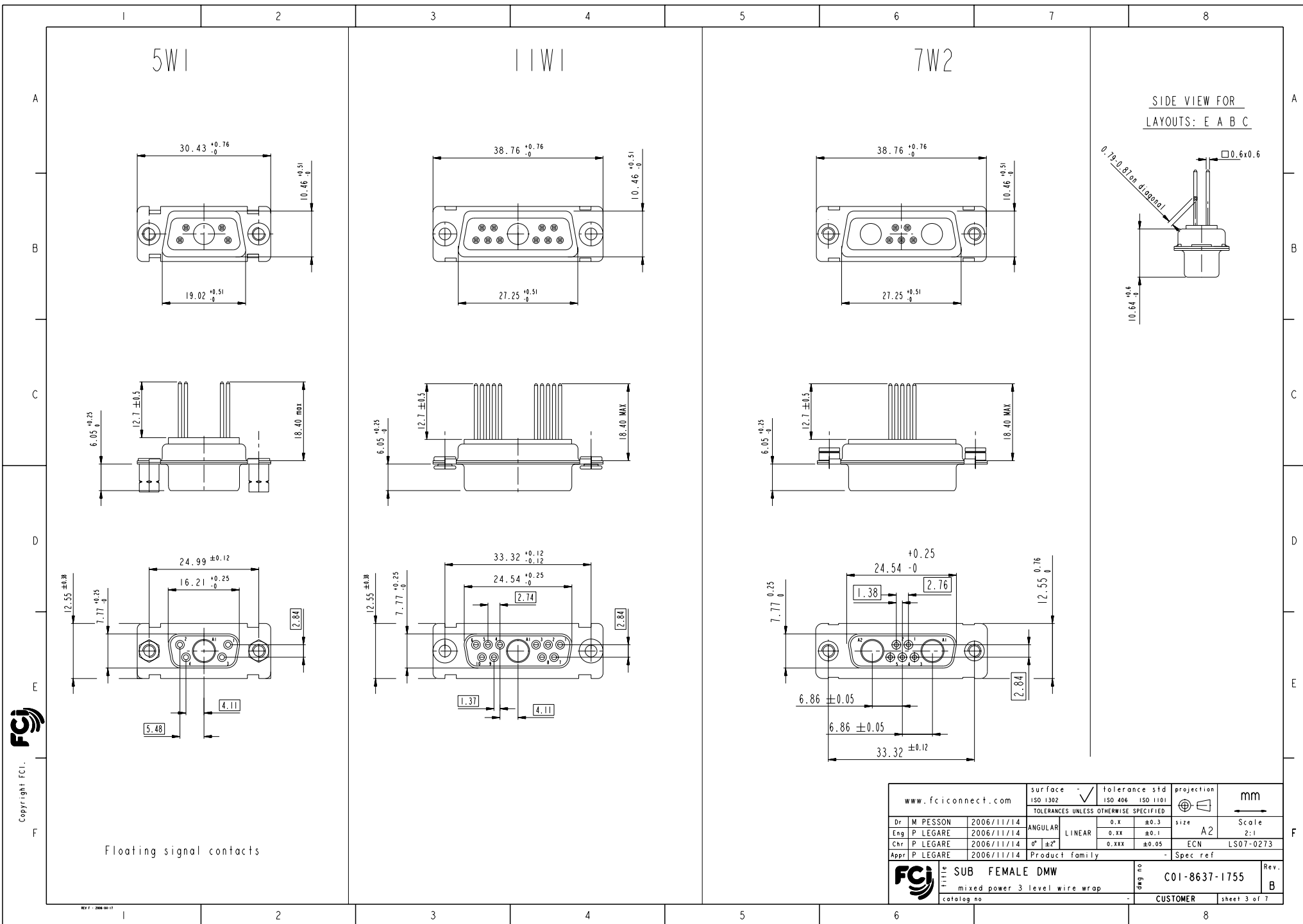
**N** :obligatory indication for HE 507 series

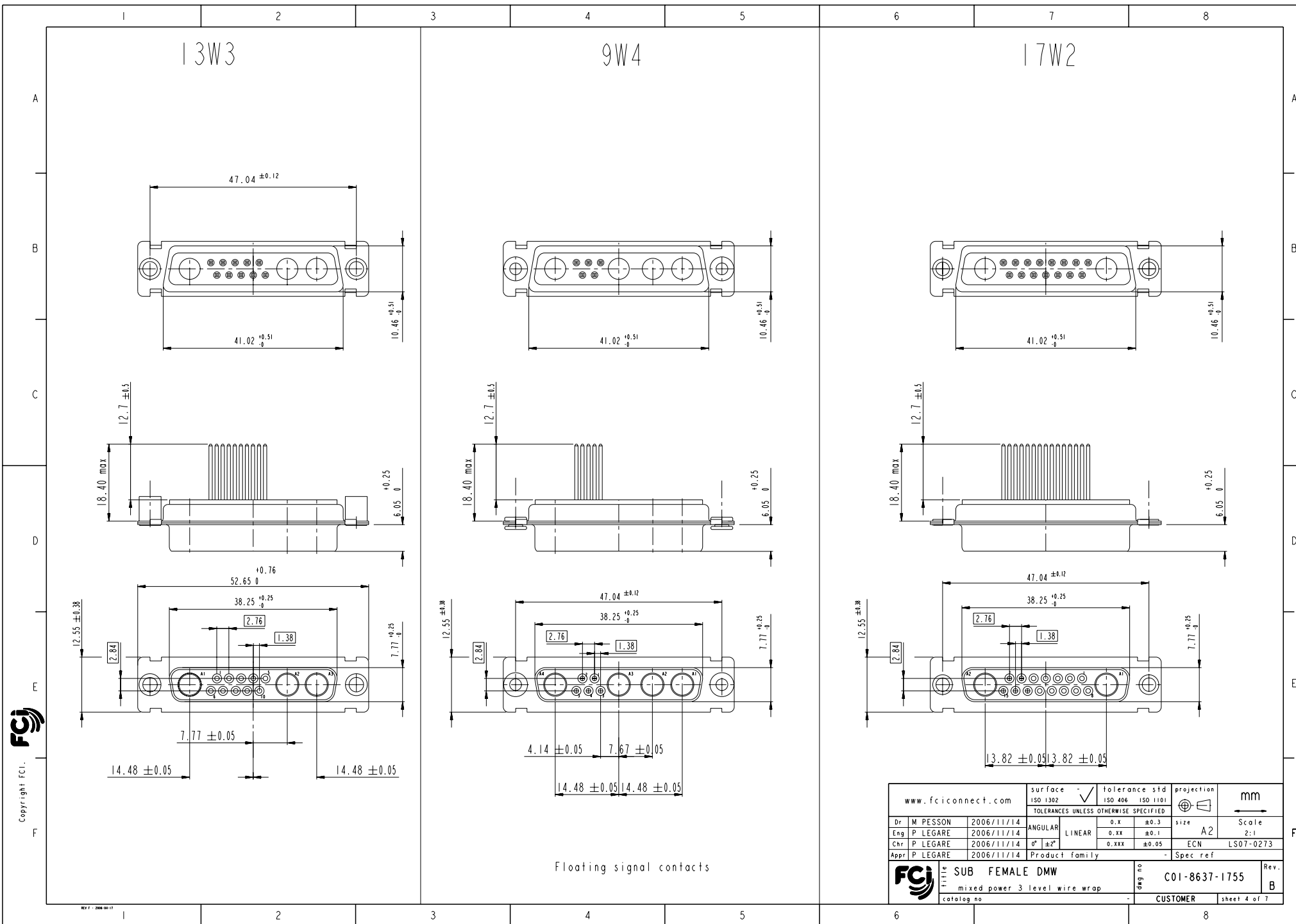


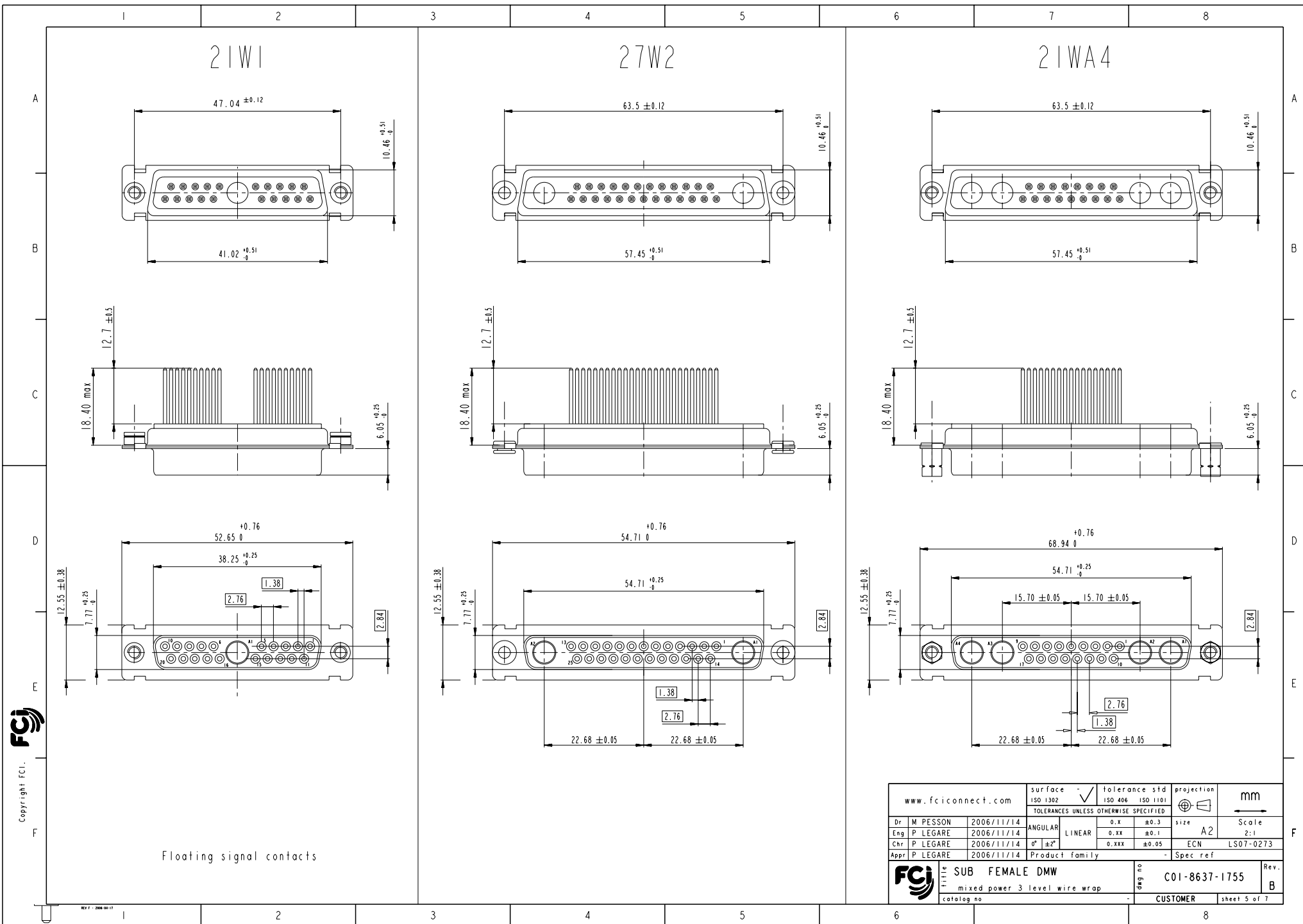
13W3 FOR EXAMPLE

www.fciconnect.com				surface <input checked="" type="checkbox"/> ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
TOLERANCES UNLESS OTHERWISE SPECIFIED											
rev	ecn no	dr	date	Dr	M PESSON	2006/11/14	ANGULAR	0.X	±0.3	size	Scale
A	LS06-0174	MLE	2006/11/14	Eng	P LEGARE	2006/11/14	LINEAR	0.XX	±0.1	A2	2:1
B	LS07-0273	MPE	2007/10/30	Chr	P LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05	ECN	LS07-0273
-	-	-	-	Appr	P LEGARE	2006/11/14	Product family	-	Spec ref	-	-
				SUB FEMALE DMW				size		A2	
				mixed power 3 level wire wrap				Scale		2:1	
				catalog no				ECN		LS07-0273	
								Rev.		B	
								CUSTOMER		sheet 1 of 7	

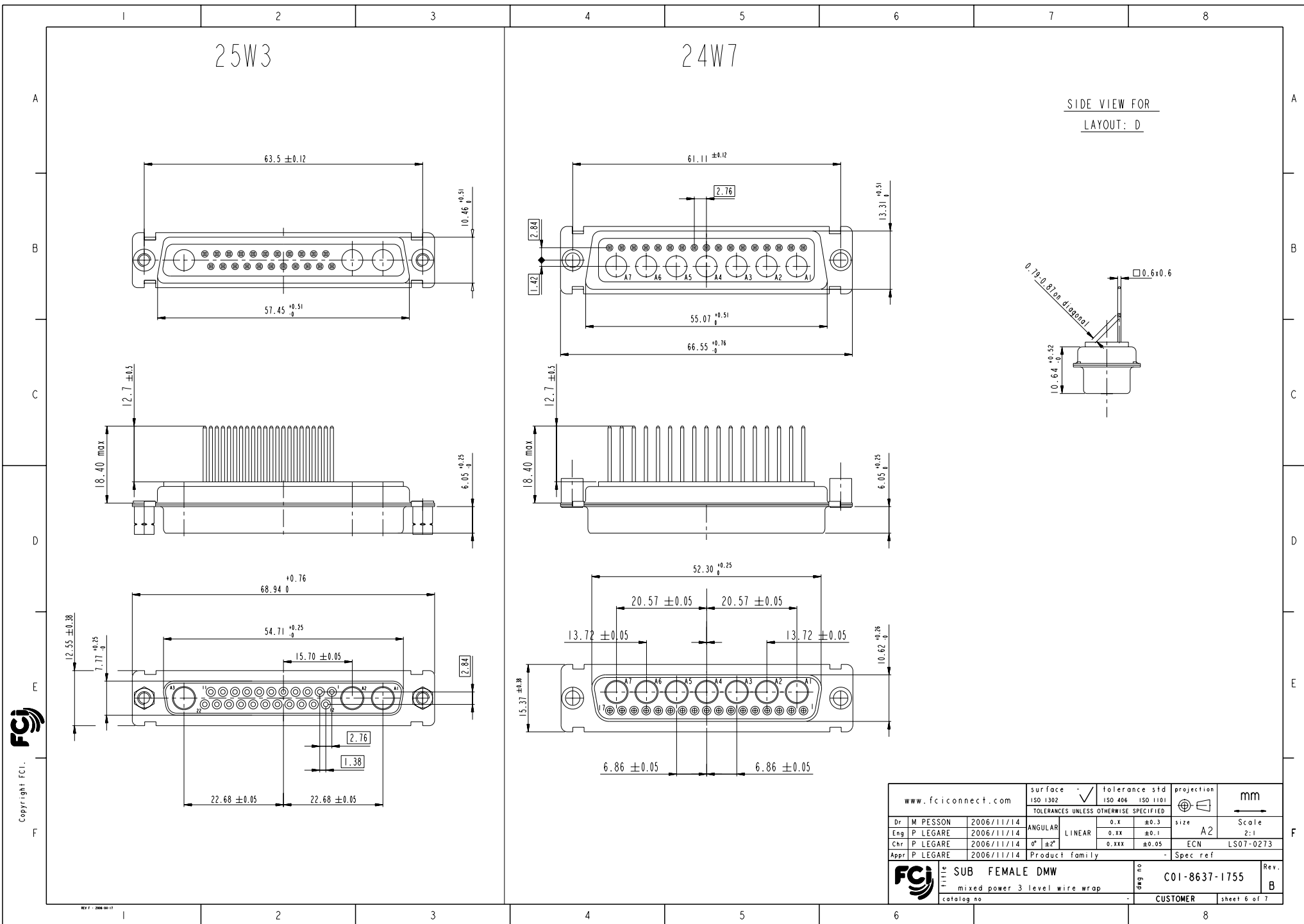


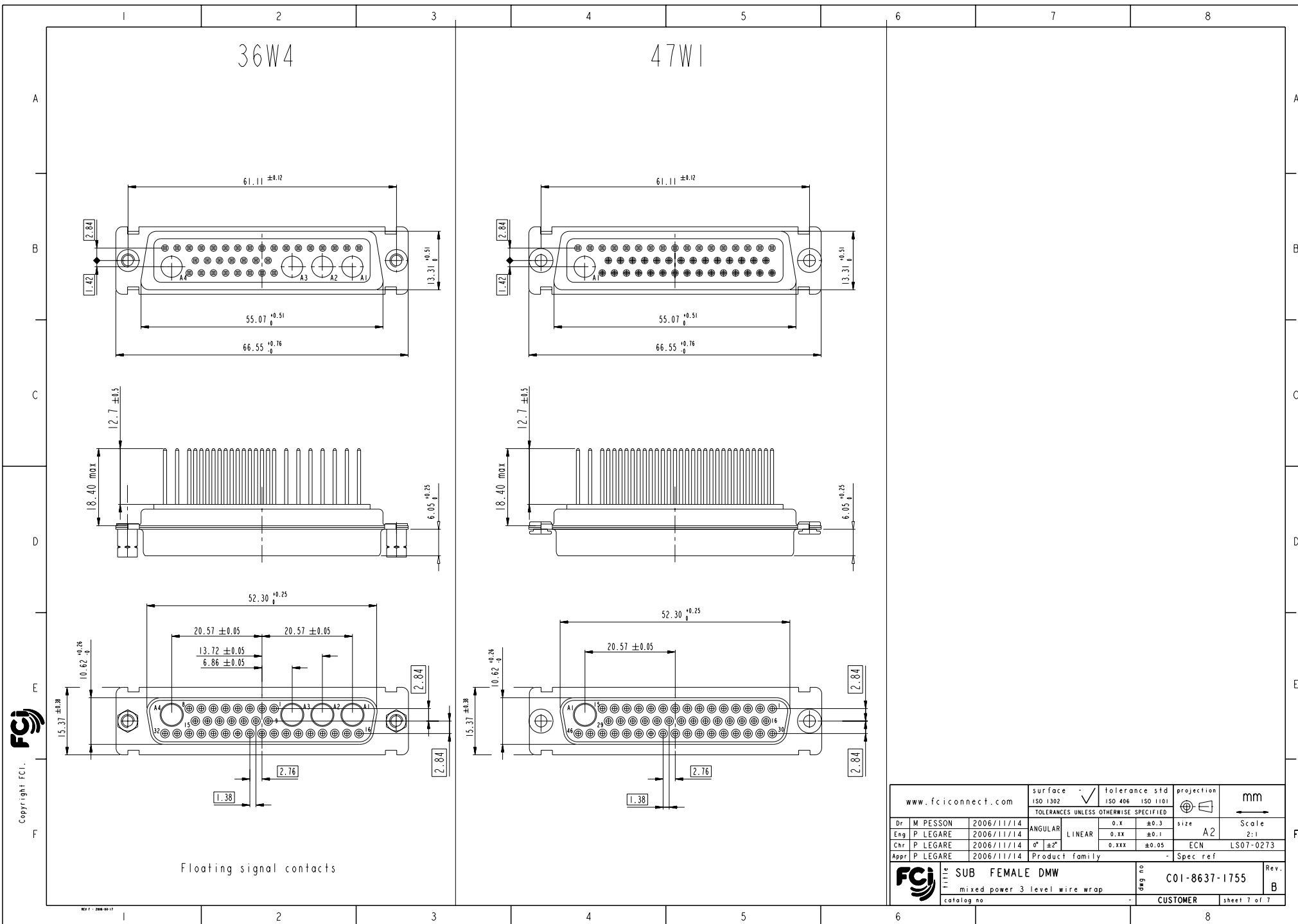






www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED					size	Scale
Dr	M PESSON	2006/11/14	ANGULAR	0.X	±0.3		A2	2:1
Eng	P LEGARE	2006/11/14	LINEAR	0.XX	±0.1		ECN	LS07-0273
Chr	P LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05		Spec ref	
Appr	P LEGARE	2006/11/14	Product family					
FCJ		SUB FEMALE DMW		mixed power 3 level wire wrap		C01-8637-1755		Rev. B
catalog no				CUSTOMER		sheet 5 of 7		





# Mouser Electronics

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