

REFERENCE SPECIFICATIONS

-NFC 93425 (in compliance with HE 507)

PHYSICAL CHARACTERISTICS

-INSULATOR MATERIAL: THERMOPLASTIC UL94V0

-CONTACT MATERIAL: BRASS(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

DBML13W3P400N

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

P :Pin

Termination type

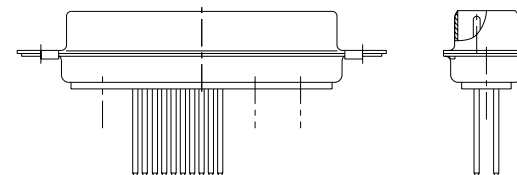
4 3 level wire wrap

Plating

00 straight solder 500 matings/unmatings

43 straight solder 500 matings/unmatings for harsh environment

N :obligatory indication for HE 507 series

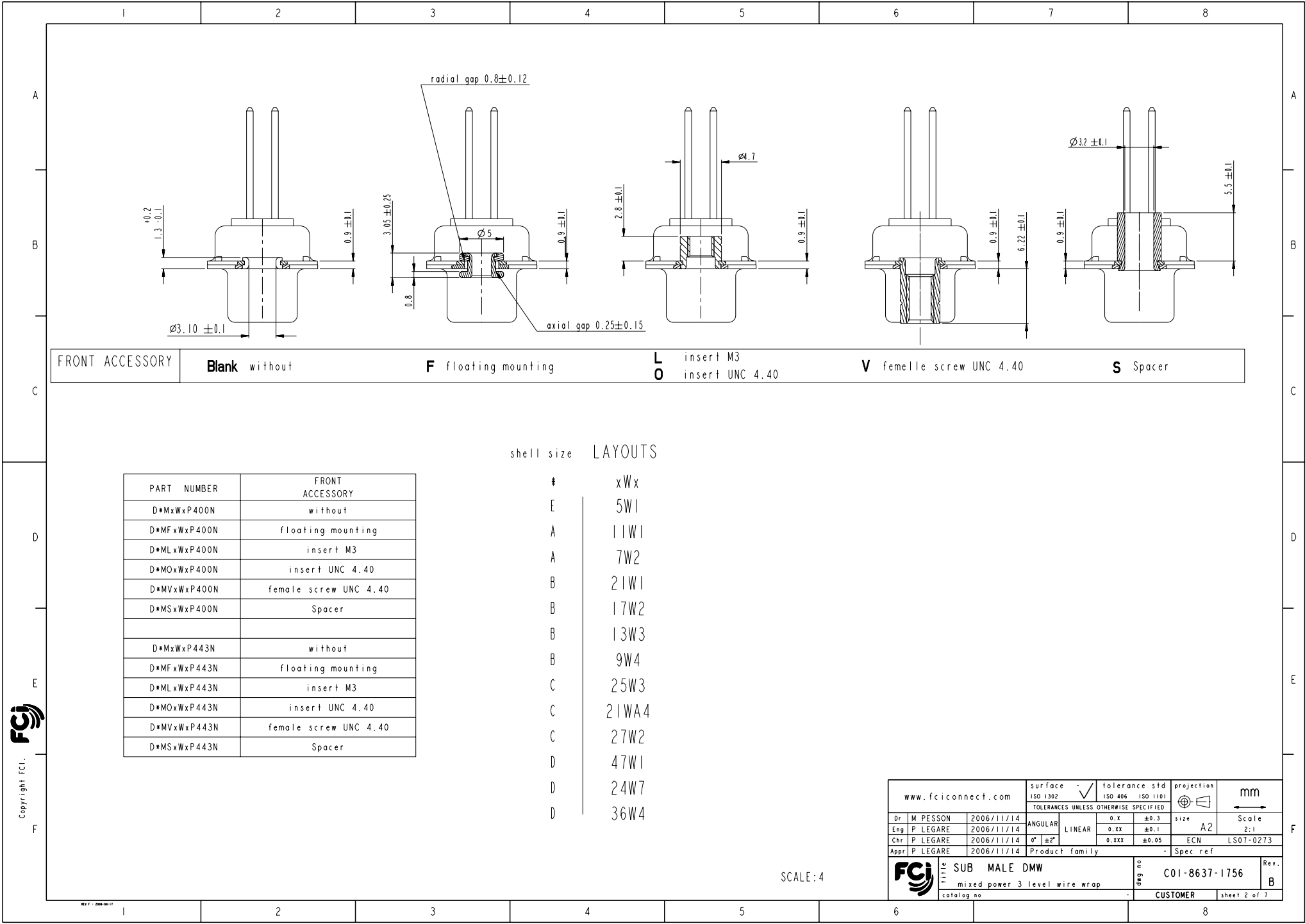


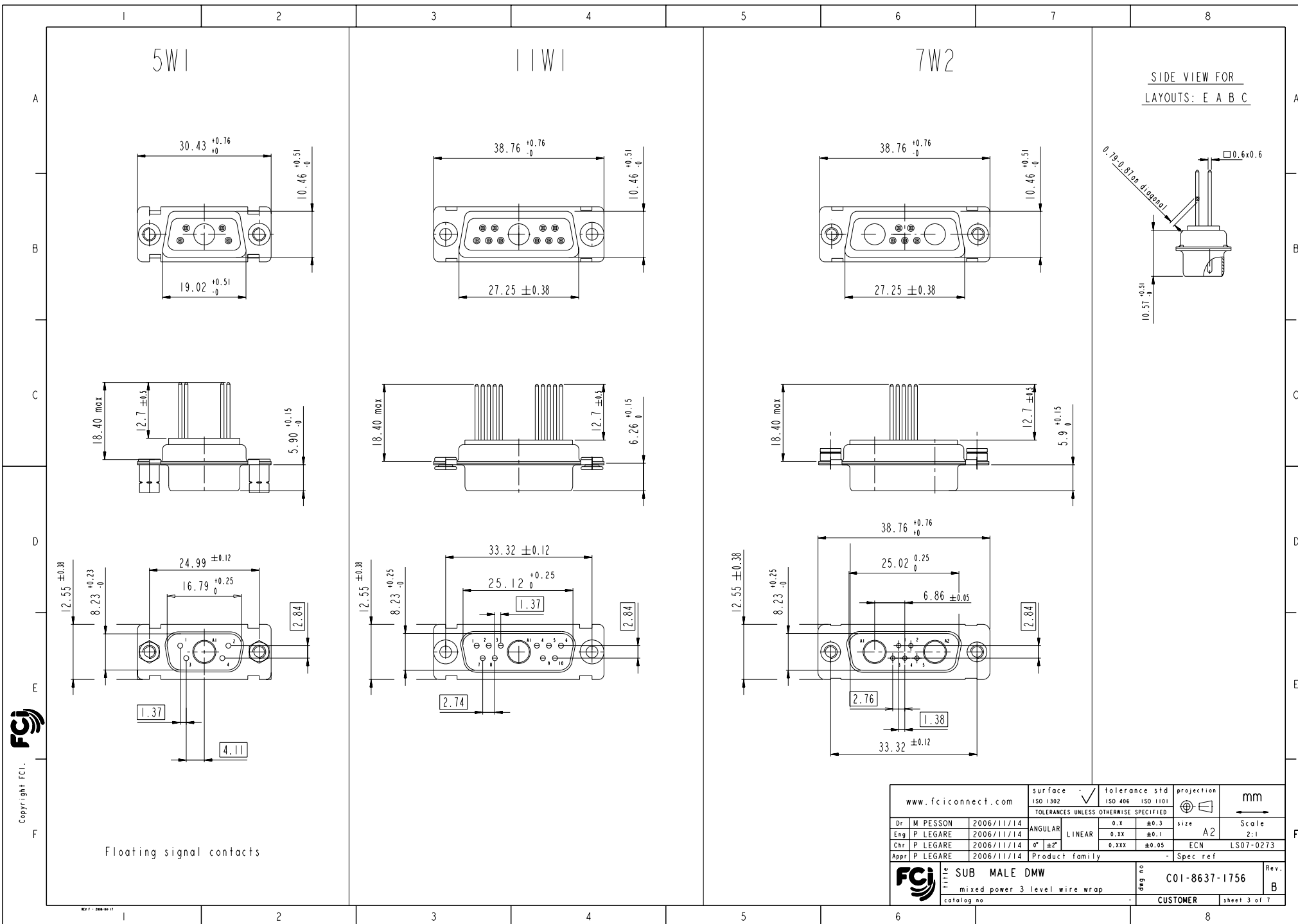
I3W3 FOR EXAMPLE

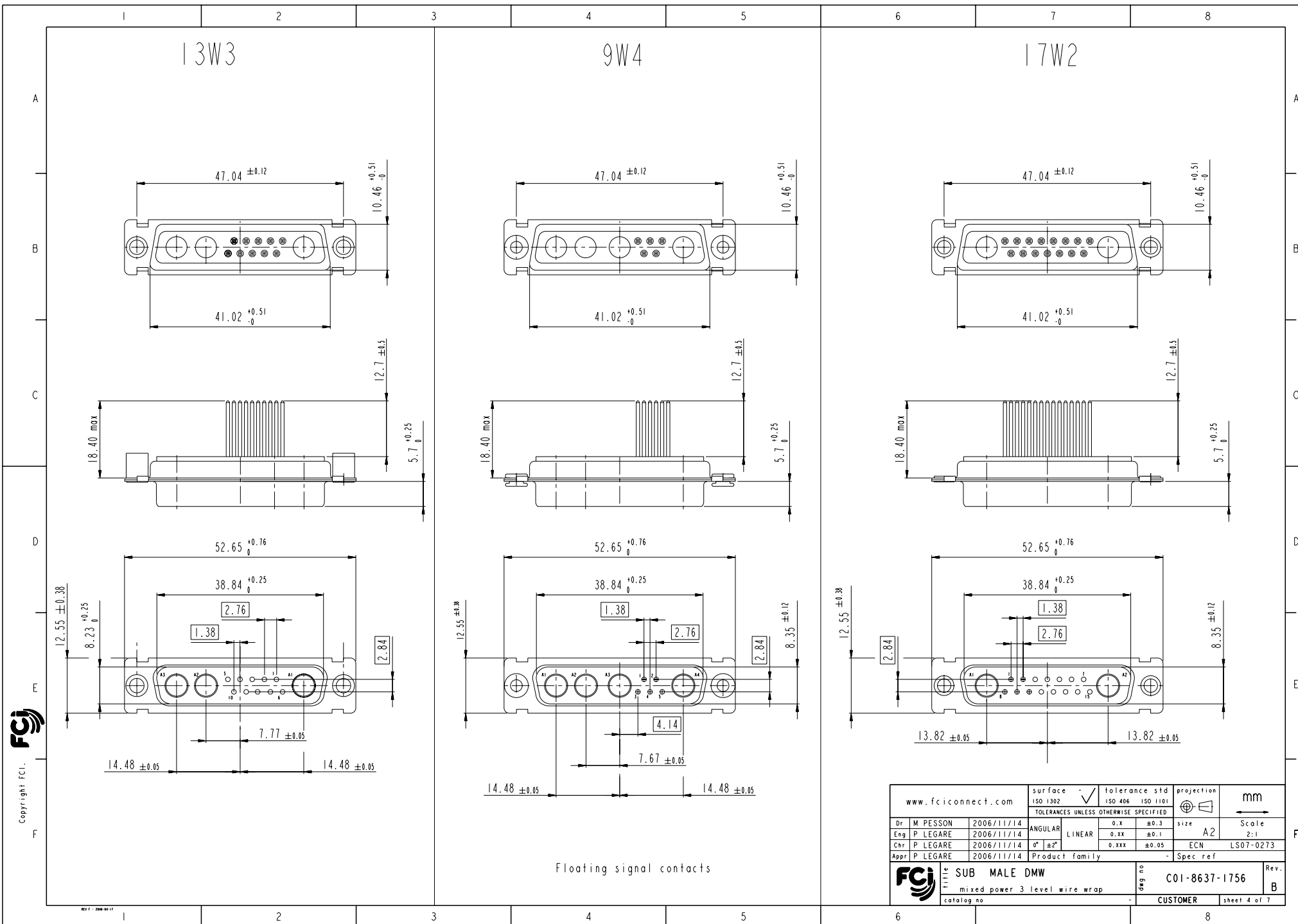
www.fciconnect.com				surface ☒ tolerance std ☐		projection 		mm 		
				ISO 1302 ☒ ISO 406 ISO 1101						
				TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	M	PESSON	2006/11/14	ANGULAR		0.X	±0.3	size	A2	Scale
Eng	P	LEGARE	2006/11/14	LINEAR		0.XX	±0.1			2:1
Chr	P	LEGARE	2006/11/14	0°	±2°	0.XXX	±0.05	ECN	LS07-0273	
Appr	P	LEGARE	2006/11/14	Product family				-	Spec ref	
				SUB MALE DMW		deg no		C01-8637-1756		Rev
				mixed power 3 level wire wrap		catalog no		CUSTOMER		B

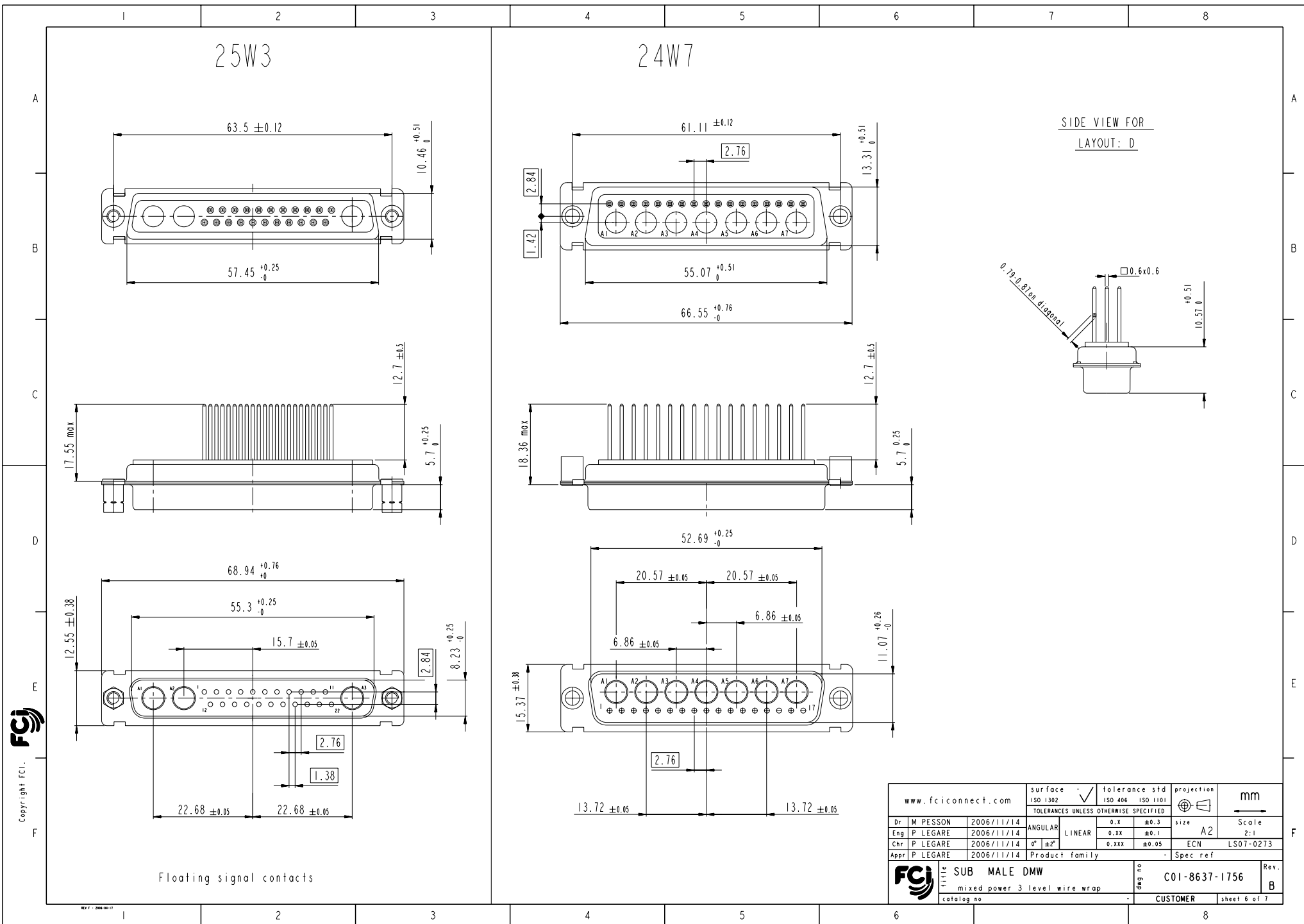


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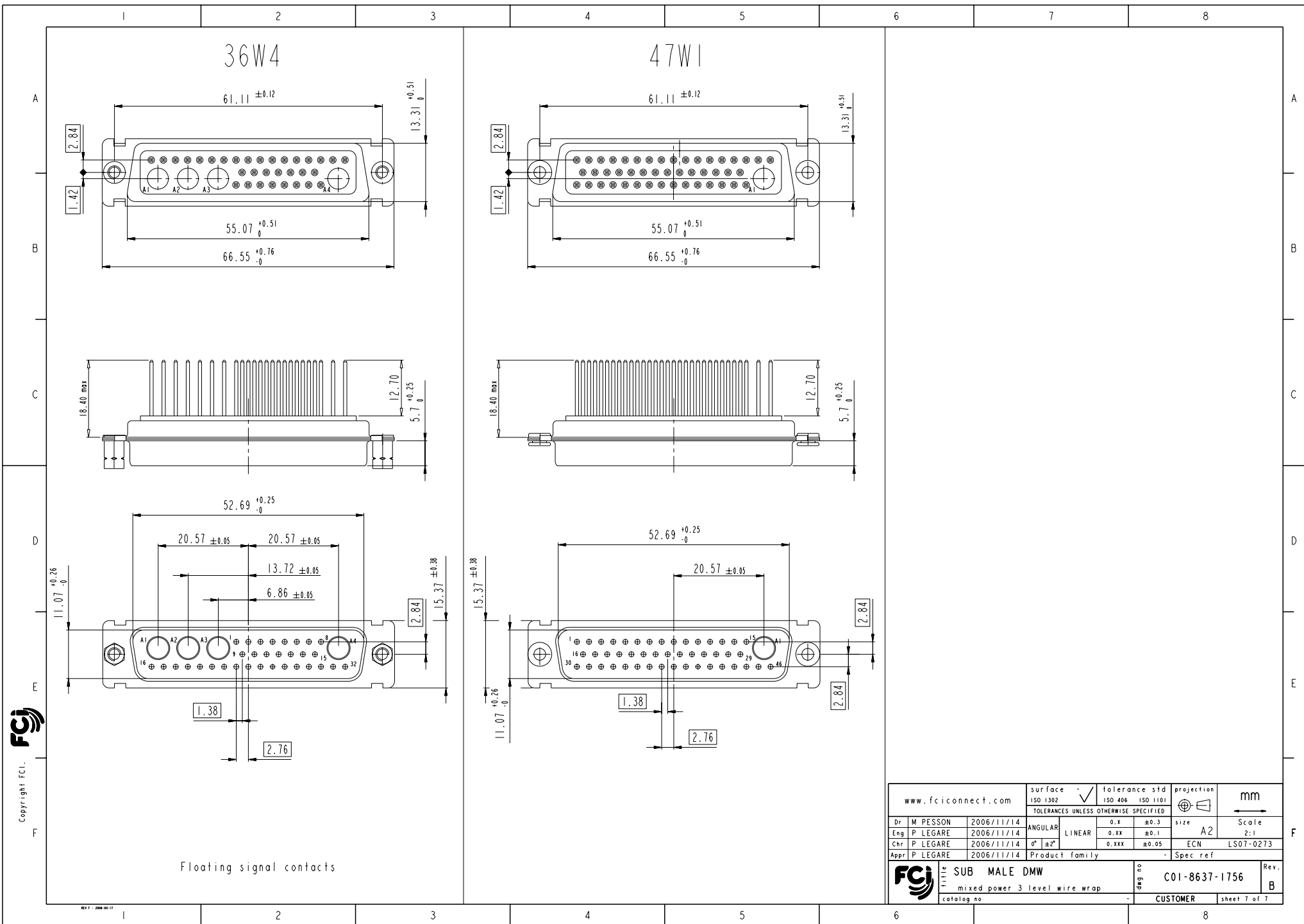








www.fciconnect.com		surface ISO 1302	tolerance std ISO 406	projection ISO 1101	mm
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Dr	M PESSON	2006/11/14	ANGULAR	0.X	size A2
Eng	P LEGARE	2006/11/14	LINEAR	0.XX	Scale 2:1
Chr	P LEGARE	2006/11/14	0° ±2°	0.XXX	ECN LS07-0273
Appr	P LEGARE	2006/11/14	Product family	-	Spec ref
FCI		SUB MALE DMW		Rev. B	
Title		mixed power 3 level wire wrap		Rev. B	
Catalog no		C01-8637-1756		Rev. B	
		CUSTOMER		Sheet 6 of 7	



www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm
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catalog no				CUSTOMER		sheet 7 of 7		