

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

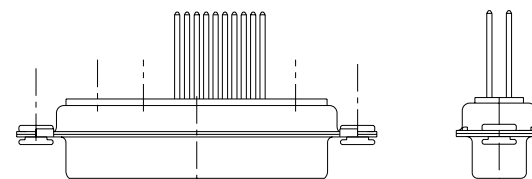
4 3 level wire wrap

Plating

00 straight solder 500 matings/unmatings

43 straight solder 500 matings/unmatings for harsh environment

N :obligatory indication for HE 507 series



I3W3 FOR EXAMPLE

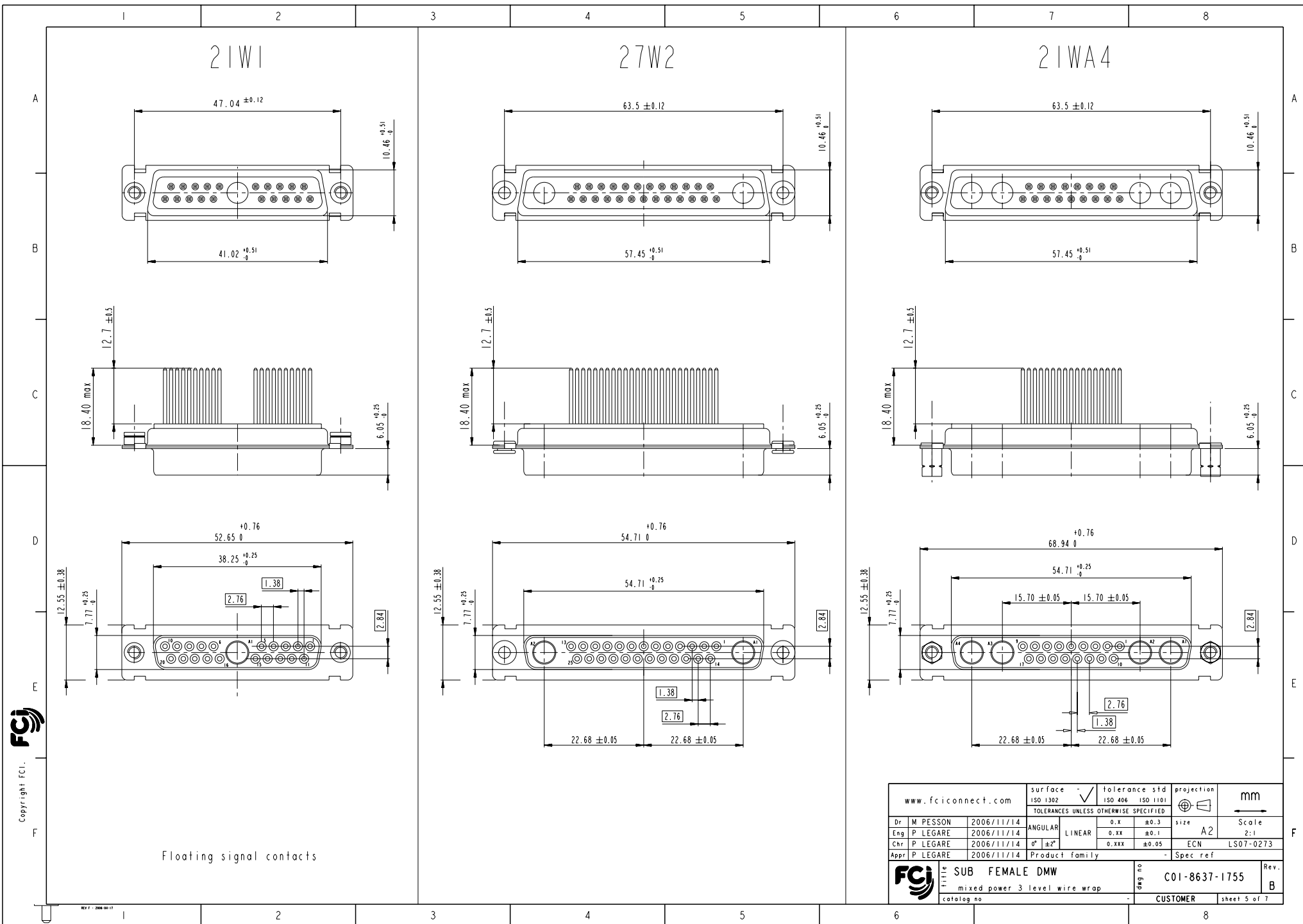
www.fciconnect.com				surface	-	tolerance std	projection	mm	
				ISO 1302	✓	ISO 406 ISO 1101	⊕		
				TOLERANCES UNLESS OTHERWISE SPECIFIED					
rev	ecn no	dr	date	Dr	M PESSON	2006/11/14	ANGULAR	0.X	±0.3
A	LS06-0174	MLE	2006/11/14	Eng	P LEGARE	2006/11/14	LINEAR	0.XX	±0.1
B	LS07-0273	MPE	2007/10/30	Chr	P LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05
-	-	-	-	Appr	P LEGARE	2006/11/14	Product family	-	Spec ref
				FCI 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



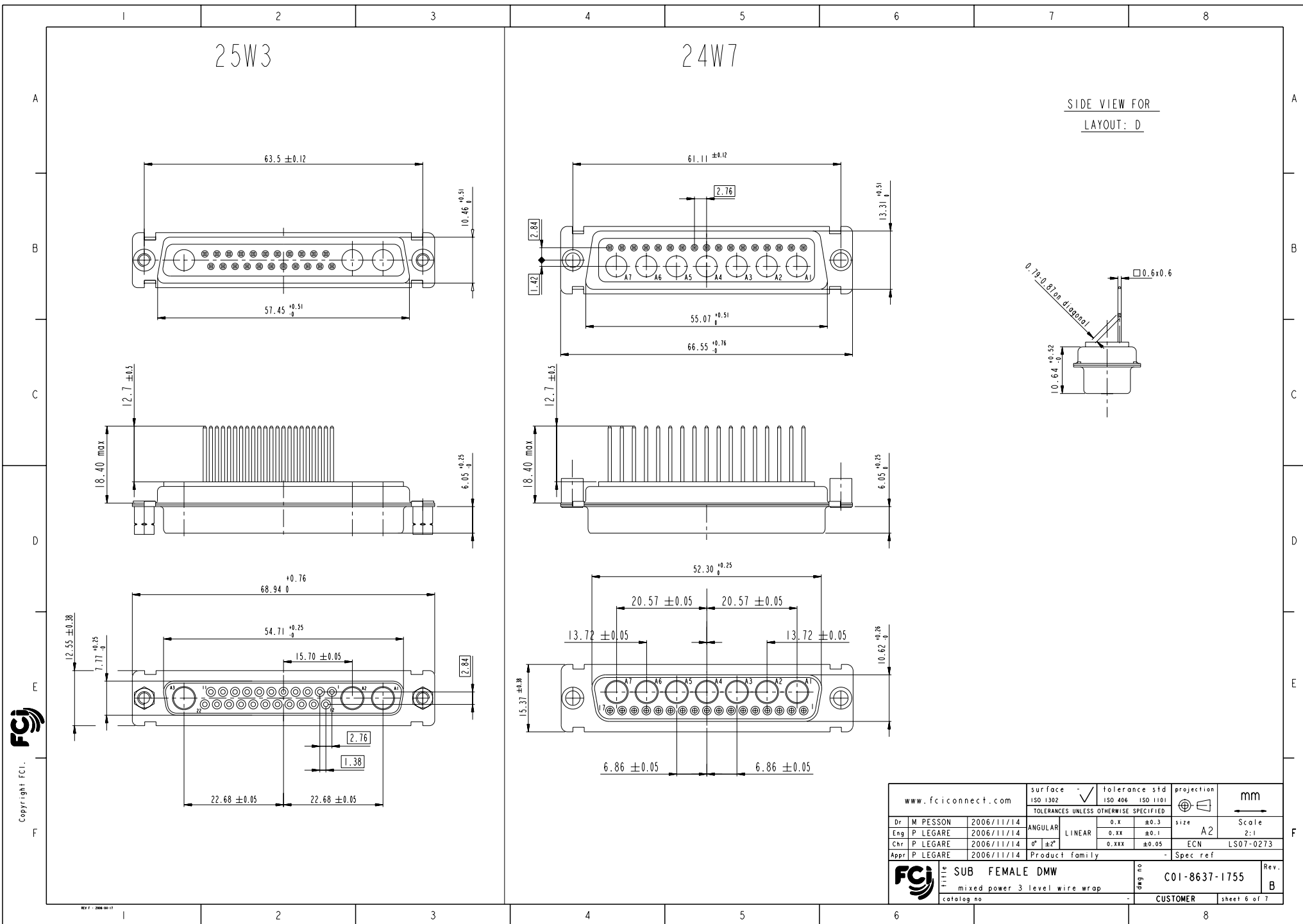
shell size LAYOUTS

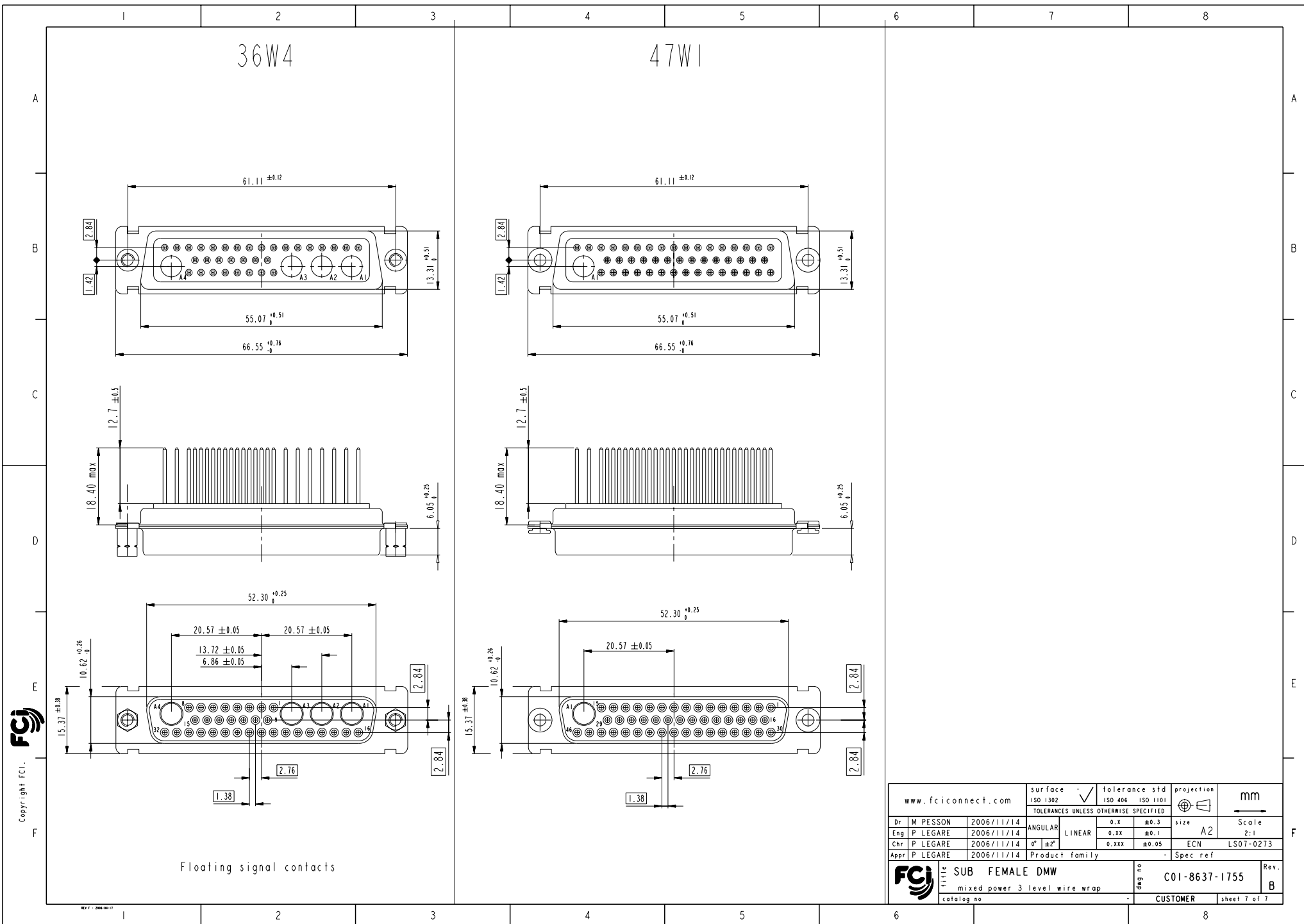
*	xWx
E	5W1
A	11W1
A	7W2
B	21W1
B	17W2
B	13W3
B	9W4
C	25W3
C	21WA4
C	27W2
D	47W1
D	24W7
D	36W4

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



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		





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					
SUB FEMALE DMW		mixed power 3 level wire wrap		C01-8637-1755		Rev. B		
catalog no				CUSTOMER		sheet 7 of 7		