

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

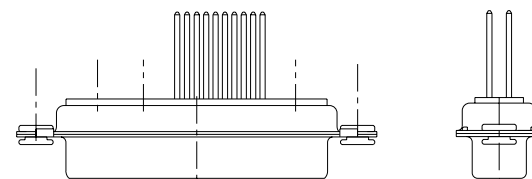
4 3 level wire wrap

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 ☒ 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	
A		LS06-0174		MLE		2006/11/14		Eng		P LEGARE 2006/11/14	
B		LS07-0273		MPE		2007/10/30		Chr		P LEGARE 2006/11/14	
-		-		-		-		Appr		P LEGARE 2006/11/14	
										ANGULAR 0° ±2°	
										LINEAR 0.XX ±0.1 0.XXX ±0.05	
										Product family - Spec ref	
										ECN LS07-0273	
										Scale 2:1	
										A2	
										FCN	
										Rev. B	
										sheet 1 of 7	



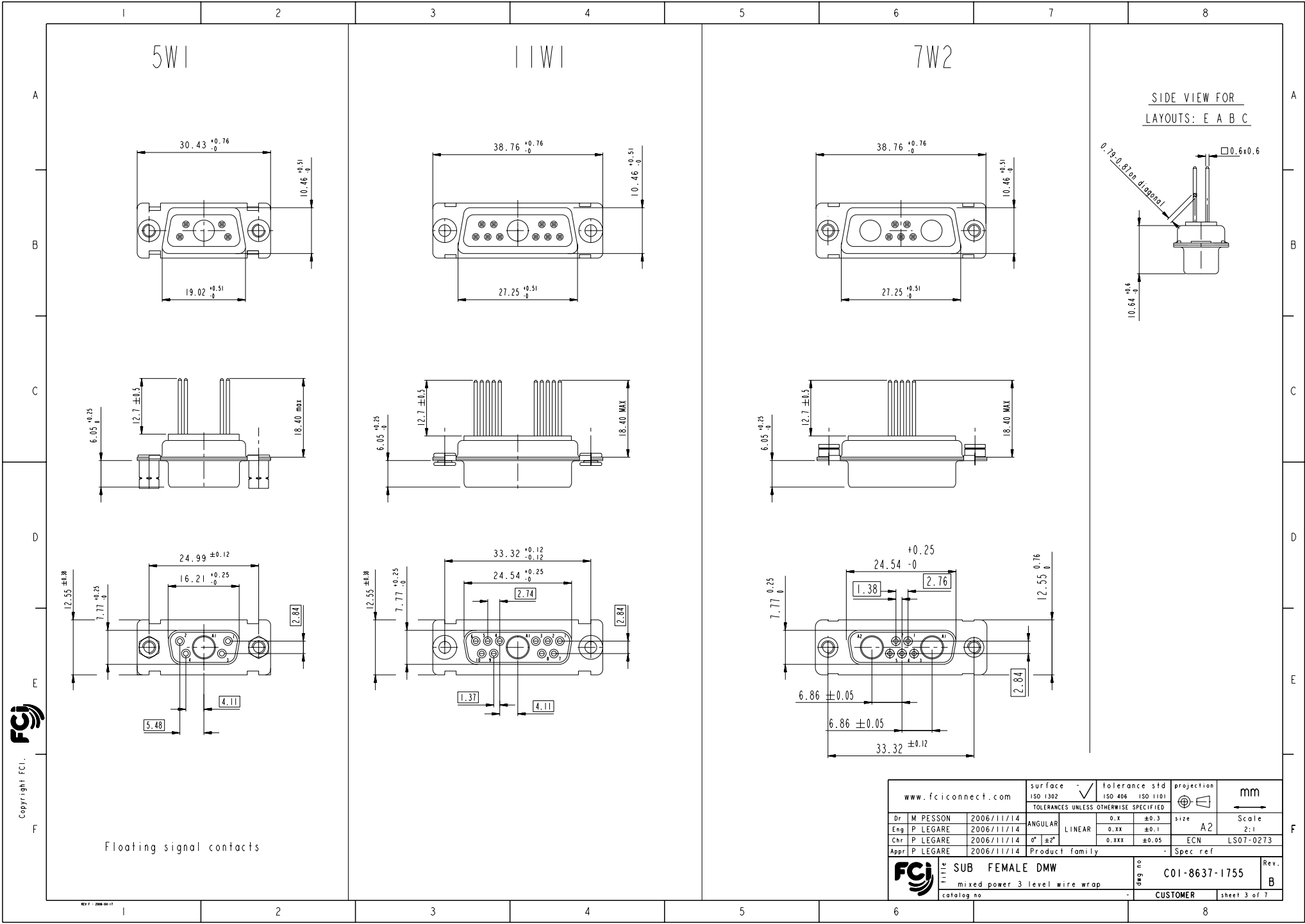
PART NUMBER	FRONT ACCESSORY
D*MxWxS400N	without
D*MFxWxS400N	floating mounting
D*MLxWxS400N	insert M3
D*MOxWxS400N	insert UNC 4.40
D*MVxWxS400N	female screw UNC 4.40
D*MSxWxS400N	Spacer
D*MxWxS443N	without
D*MFxWxS443N	floating mounting
D*MLxWxS443N	insert M3
D*MOxWxS443N	insert UNC 4.40
D*MVxWxS443N	female screw UNC 4.40
D*MSxWxS443N	Spacer

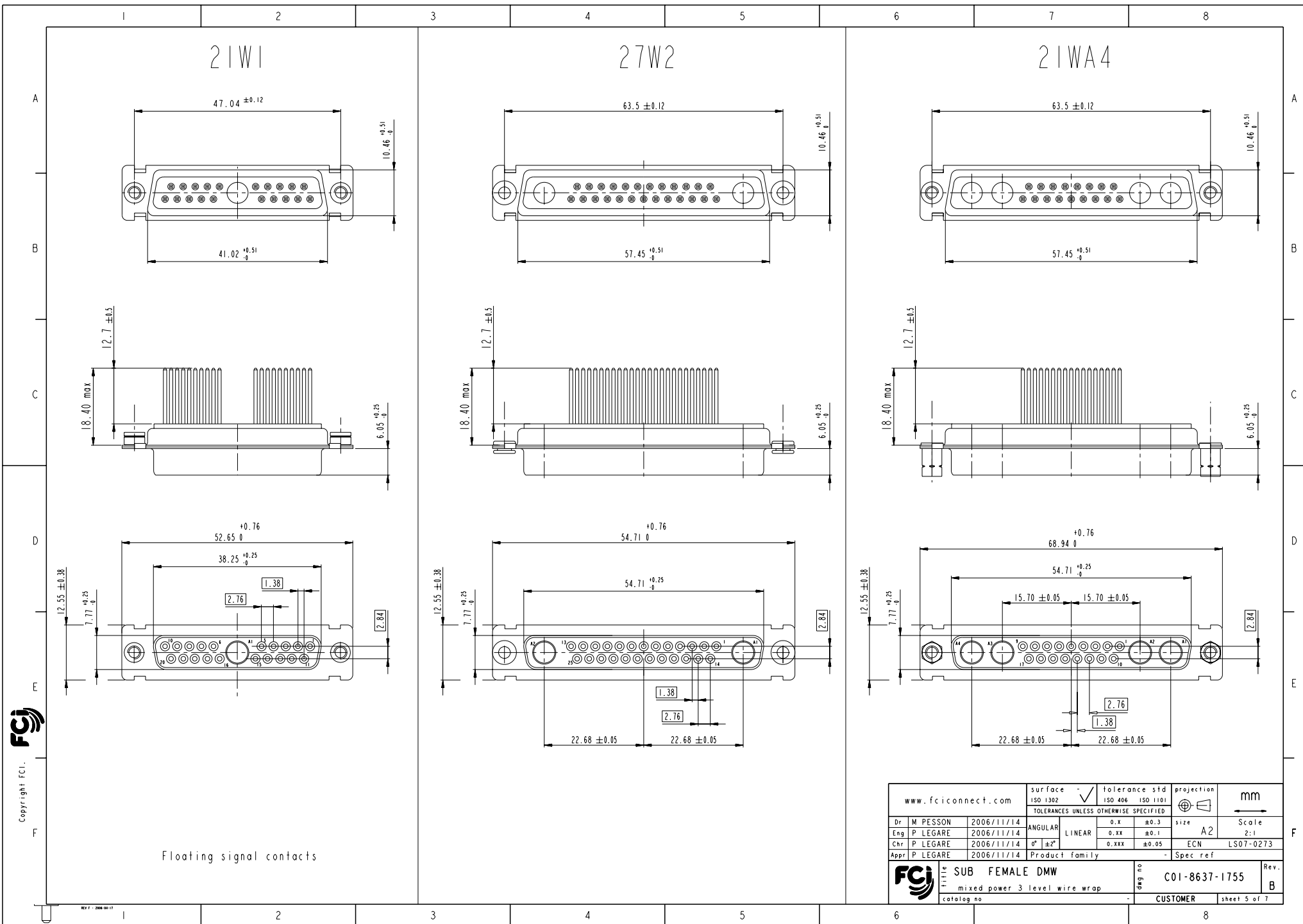
shell size LAYOUTS

#	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

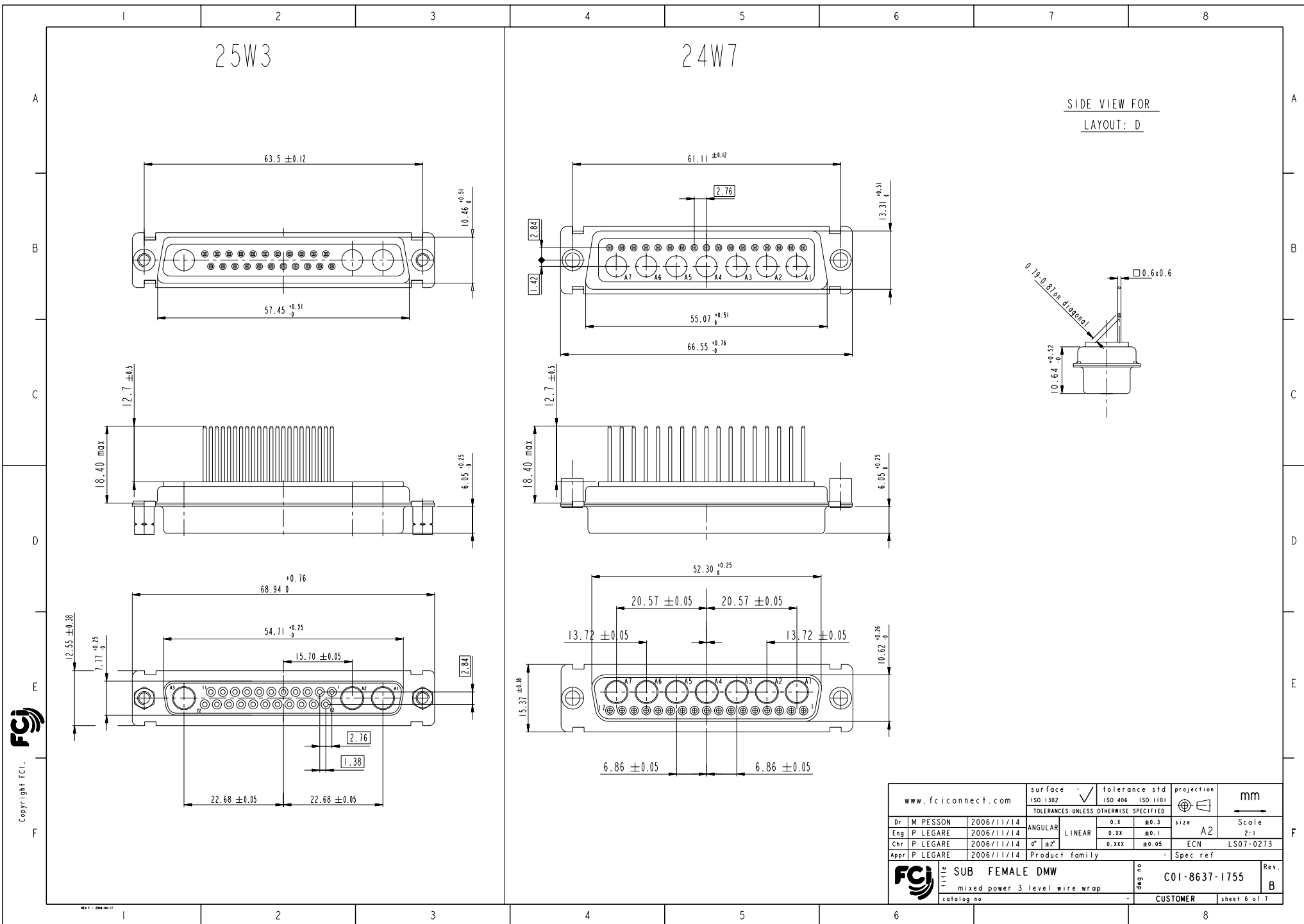
SCALE: 4

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			

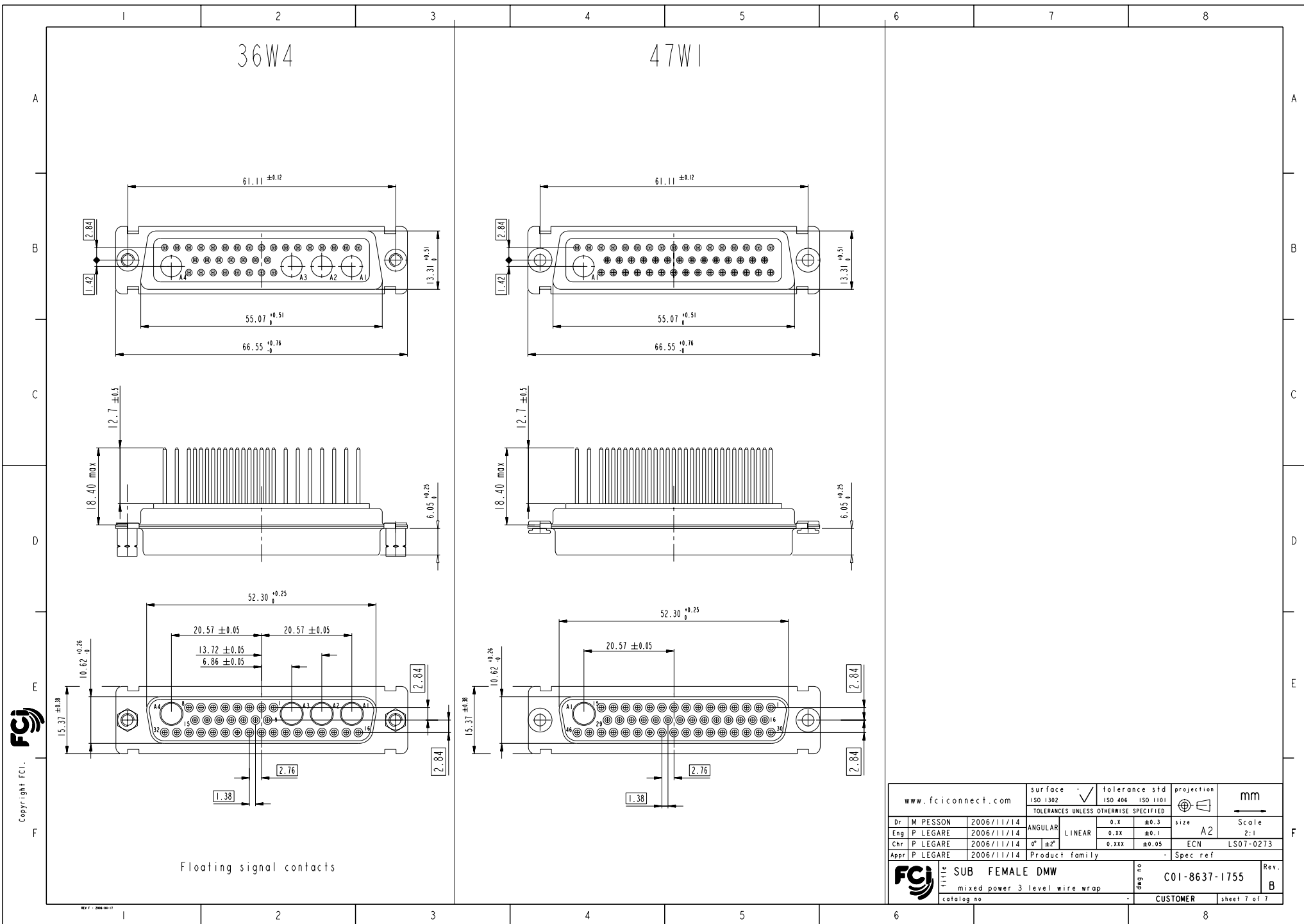




www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED					size	Scale
Dr	M PESSON	2006/11/14	ANGULAR	0.X	±0.3		A2	2:1
Eng	P LEGARE	2006/11/14	LINEAR	0.XX	±0.1		ECN	LS07-0273
Chr	P LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05		Spec ref	
Appr	P LEGARE	2006/11/14	Product family					
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 -	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
Eng	P LEGARE	2006/11/14	LINEAR	0.XX	±0.1
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		dwg no	C01-8637-1755
mixed power 3 level wire wrap				Rev.	B
catalog no		CUSTOMER		sheet 6 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		