

-NFC 93425 (in compliance with HE 507)

PHYSICAL CHARACTERISTICS

- INSULATOR MATERIAL: THERMOPLASTIC UL94V0

-CONTACT MATERIAL: BRASS

GOLD OVER NICKEL

-ACCESSORIES: STEEL FOR BRACKETS

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 : $\geq 1000 \text{ V}$

-CONTACT/GROUND : $\geq 1200 \text{ V}$

- INSULATION RESISTANCE: $\geq 5000 \text{ MOhms}$

ENVIRONMENTAL CHARACTERISTICS

- CLIMATIC CATEGORY: 55/125/21

TEMPERATURE RANGE -55°C TO +125°C

DAMP HEAT STEADY STATE 56 DAYS

SALT SPRAY 48 HOURS

Series

DBML13W3P500MN

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

M :Characteristics
for the DM serie

Front accessory definition
(see sheet 2)

blank : without accessory

L : threaded insert M3

0 : threaded insert UNC 4-40

V : female screw UNC 4-40

Layout of contacts (see sheet 3)

Contacts

P :Pin

Termination type

5 Right angle/Europe standard

Plating

00 Right angle 500 matings/unmatings

43 Right angle 500 matings/unmatings
for harsh environment

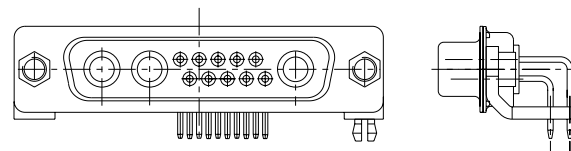
PCB accessories definition(see sheet 2)

blank : Plastic brackets

C :Without brackets

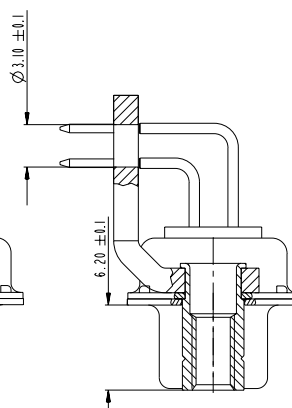
M : Metal brackets

N :Obligatory indication for HE 507



13W3 FOR EXAMPLE

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		0.XX ±0.3		size A2	
Eng M PESSON 2006/11/14				LINEAR		0.XX ±0.1		Scale 2:1	
Chr P.LEGARE 2006/11/14				6° ±2°		0.XXX ±0.05		ECN LS06-0174	
Appr P.LEGARE 2006/11/14				Product family		-		Spec ref	
				TITLE SUB MALE DMW EUROPE foot print mixed power right angled solder		dag no C01-8637-1750		Rev A	
catalog no -				CUSTOMER -		sheet 1 of 9			



PDM: Rev: A STATUS: **Released** Printed: Jun 18, 2015

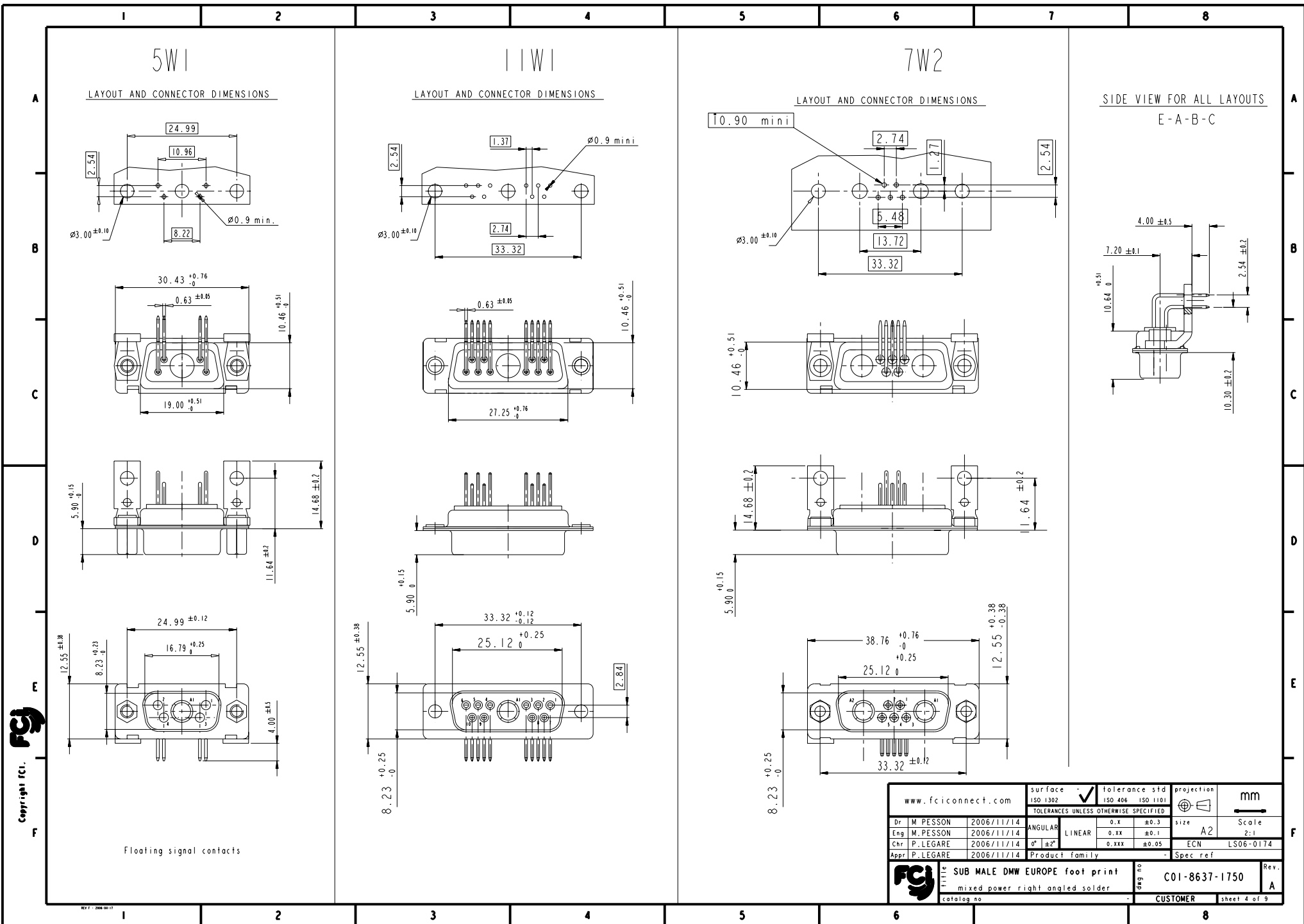
shell size
i
xWx

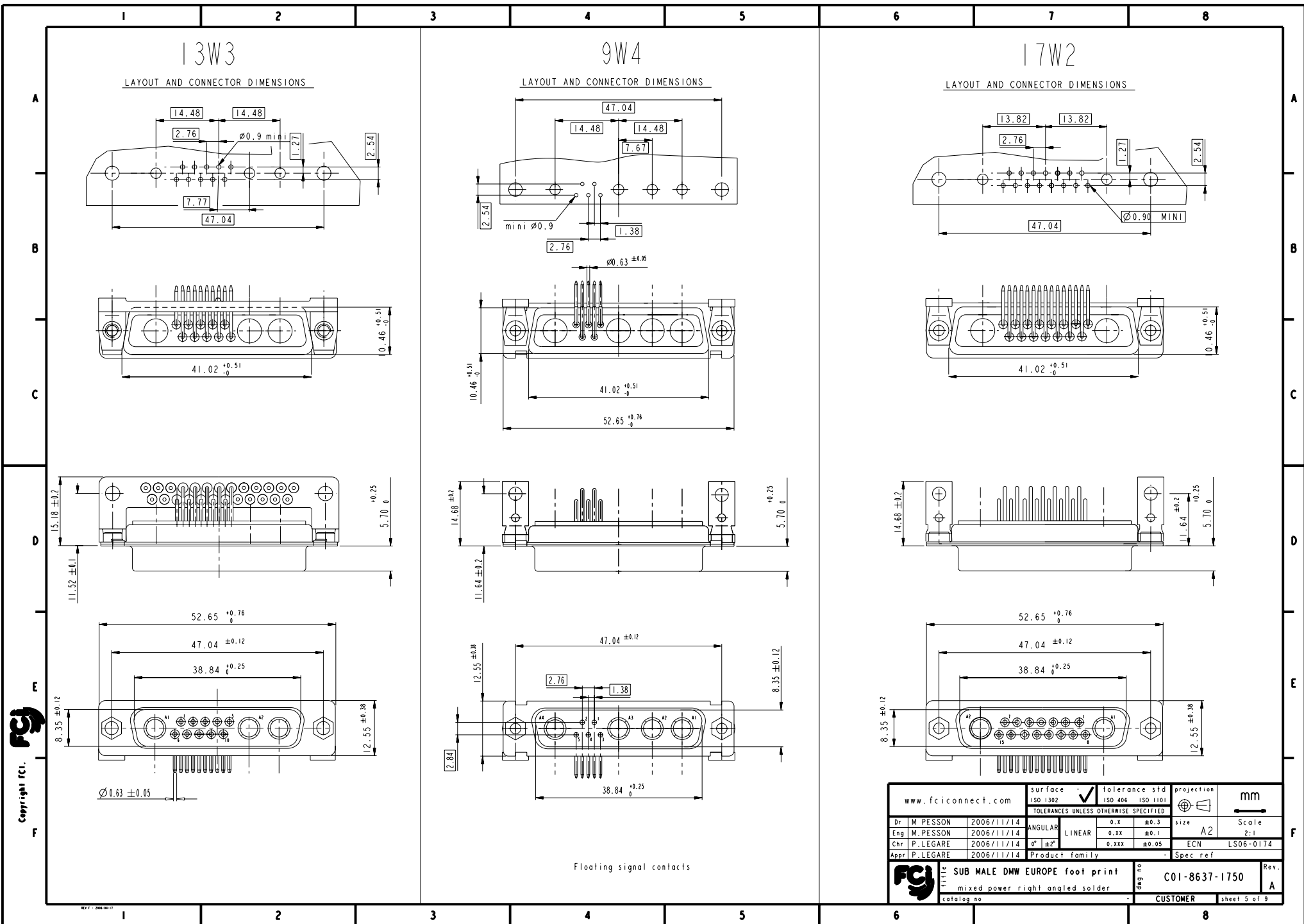
E 5W1
A 11W1
A 7W2
B 21W1
B 17W2
B 13W3
B 9W4
C 25W3
C 21WA4
C 27W2
D 47W1
D 24W7
D 36W4

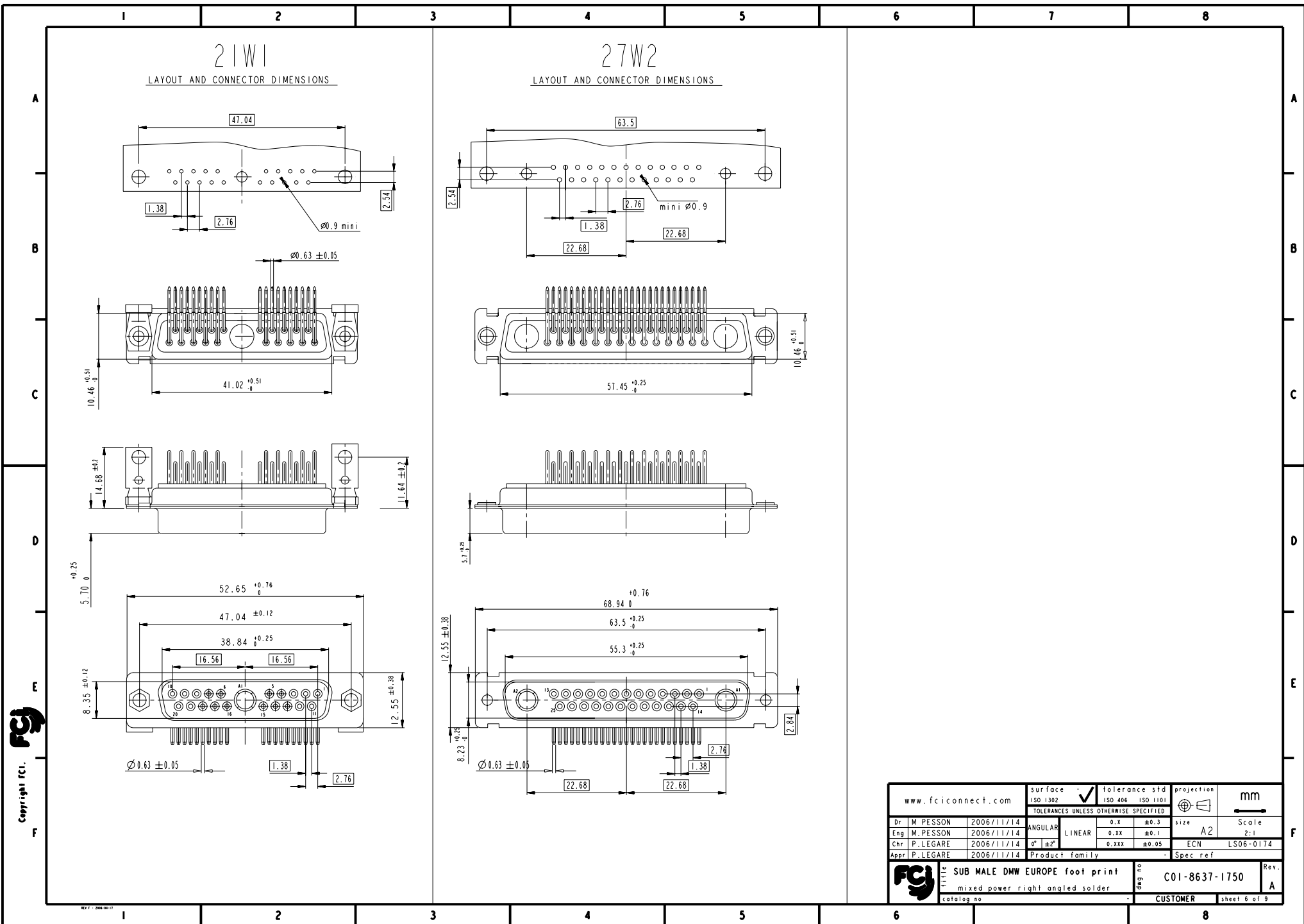
PART NUMBER	MATINGS/ UNMATINGS	FRONT ACCESSORY	PCB ACCESSORIES
D*MxWxP500CN	500	without	without
D*MLxWxP500CN	500	insert M3	without
D*MOxWxP500CN	500	insert UNC 4.40	without
D*MVxWxP500CN	500	female screw UNC 4.40	without
D*MxWxP500MN	500	without	metal bracket
D*MLxWxP500MN	500	insert M3	metal bracket
D*MOxWxP500MN	500	insert UNC 4.40	metal bracket
D*MVxWxP500MN	500	female screw UNC 4.40	metal bracket
D*MxWxP500N	500	without	plastic bracket
D*MLxWxP500N	500	insert M3	plastic bracket
D*MOxWxP500N	500	insert UNC 4.40	plastic bracket
D*MVxWxP500N	500	female screw UNC 4.40	plastic bracket

PART NUMBER	MATINGS/ UNMATINGS	FRONT ACCESSORY	PCB ACCESSORIES
D*MxWxP543CN	500	without	without
D*MLxWxP543CN	500	insert M3	without
D*MOxWxP543CN	500	insert UNC 4.40	without
D*MVxWxP543CN	500	female screw UNC 4.40	without
D*MxWxP543MN	500	without	metal bracket
D*MLxWxP543MN	500	insert M3	metal bracket
D*MOxWxP543MN	500	insert UNC 4.40	metal bracket
D*MVxWxP543MN	500	female screw UNC 4.40	metal bracket
D*MxWxP543N	500	without	plastic bracket
D*MLxWxP543N	500	insert M3	plastic bracket
D*MOxWxP543N	500	insert UNC 4.40	plastic bracket
D*MVxWxP543N	500	female screw UNC 4.40	plastic bracket

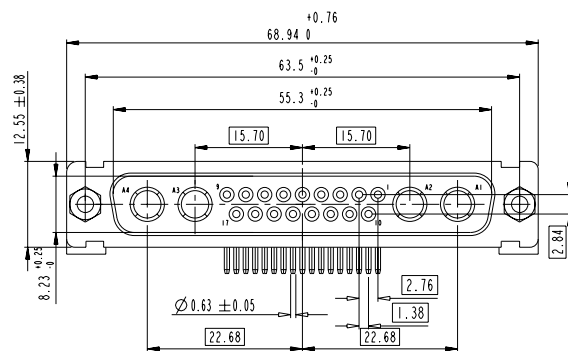
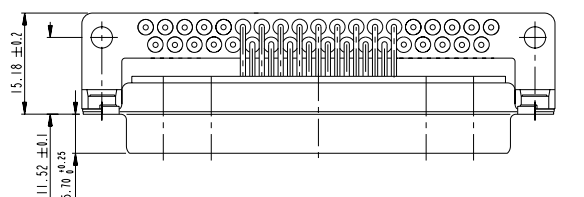
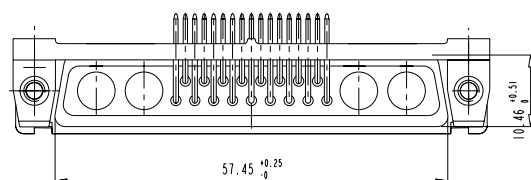
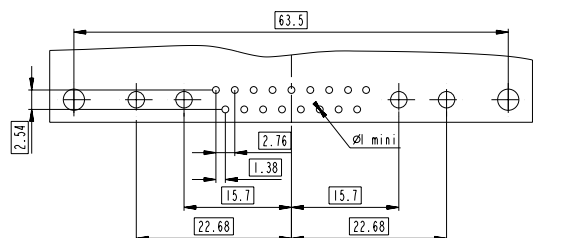
www.fciconnect.com		surface - ISO 1302		tolerance std ISO 406 ISO 1101		projection mm	
		TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	M. PESSON	2006/11/14	ANGULAR	0.X	±0.3	size	A2
Eng	M. PESSON	2006/11/14	LINEAR	0.XX	±0.1	Scale	2:1
Chr	P. LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05	ECN	LS06-0174
Appr	P. LEGARE	2006/11/14	Product family		Spec ref		
FCI		SUB MALE DMW EUROPE foot print		deg no		C01-8637-1750	
		mixed power right angled solder				Rev. A	
		catalog no		CUSTOMER		sheet 3 of 9	



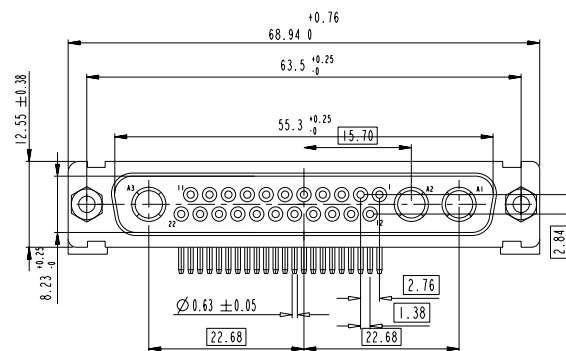
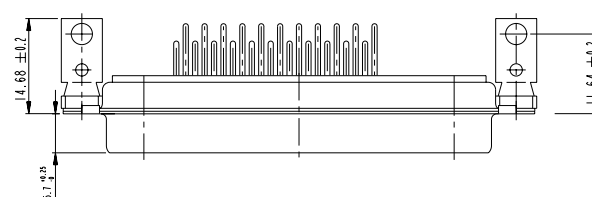
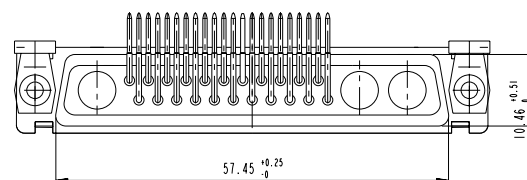
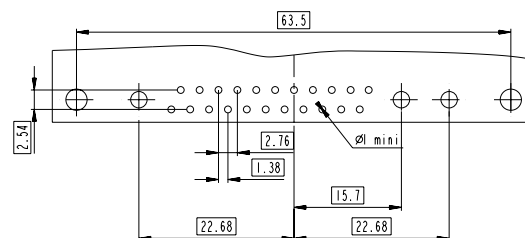




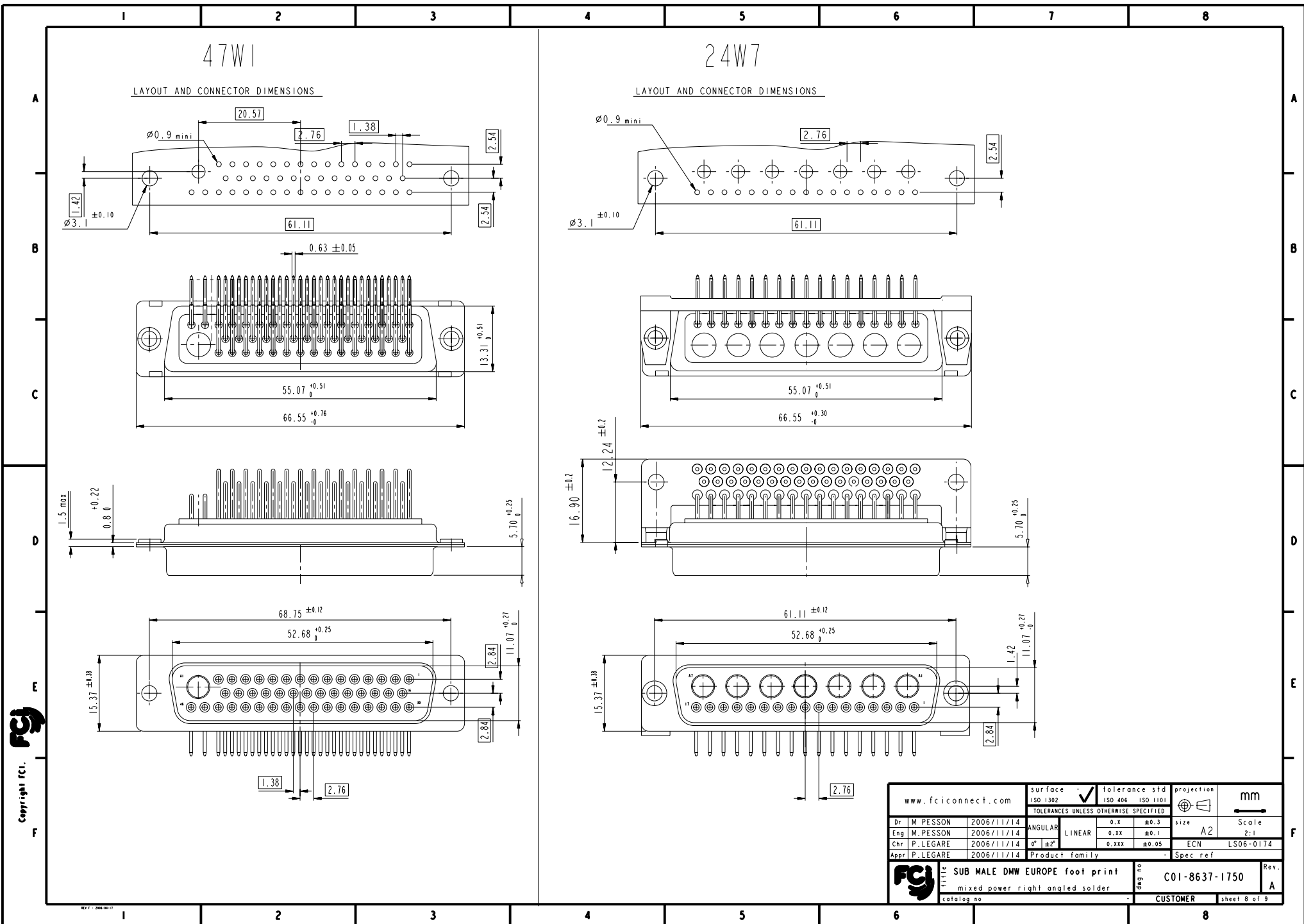
LAYOUT AND CONNECTOR DIMENSIONS



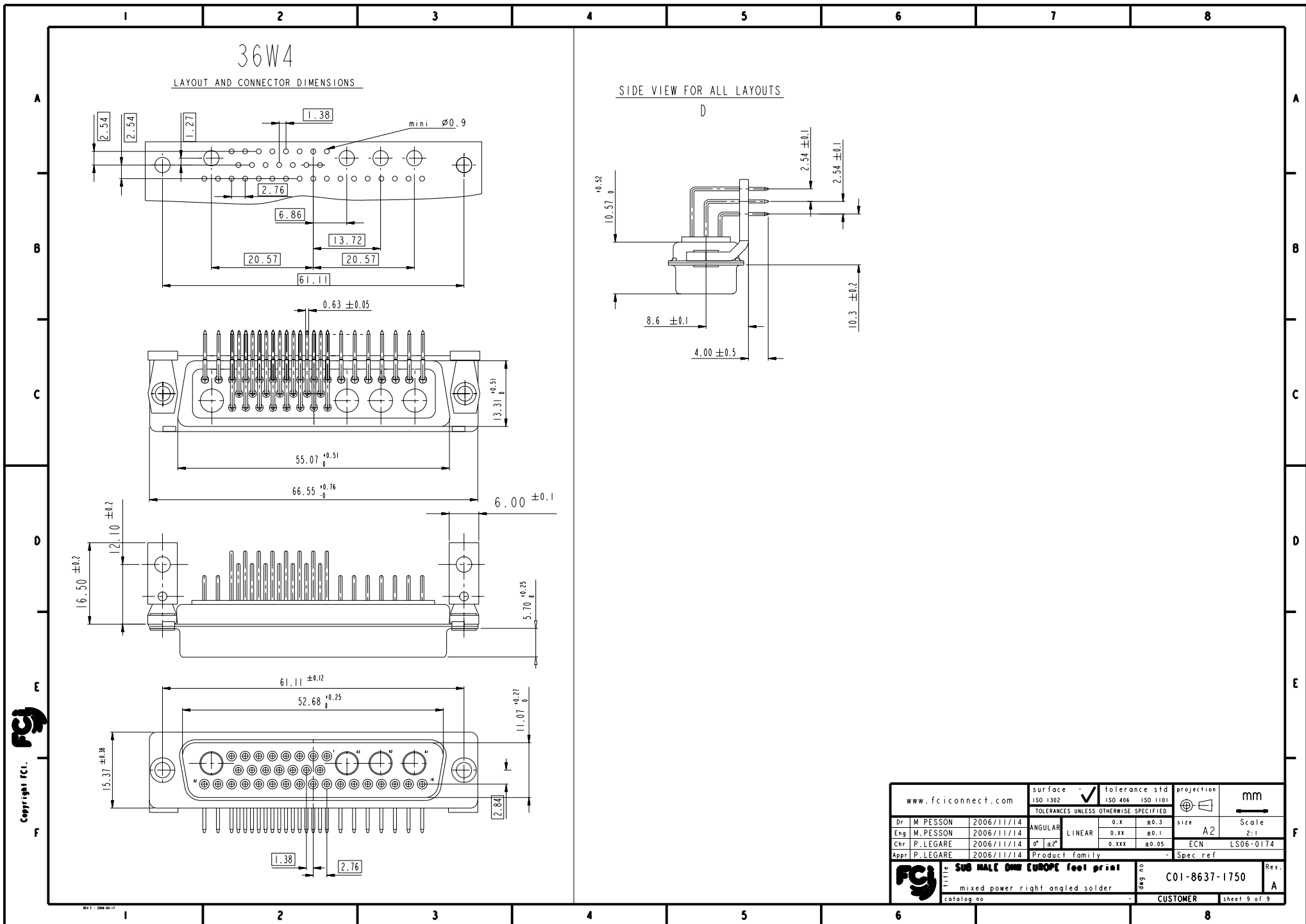
LAYOUT AND CONNECTOR DIMENSIONS



www.fciconnect.com			surface ☒ tolerance std ISO 1302 ISO 1006 ISO 1101		projection  mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
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Chr	P.LEGARE	2006/11/14	0°	±0.XX	±0.05	ECN
Appr	P.LEGARE	2006/11/14	Product family			LS06-0174
			Spec ref			
			title SUB MALE DMW EUROPE foot print mixed power right angled solder		dag no C01-8637-1750	
catalog no			CUSTOMER		sheet 7 of 9	



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	size A2	Scale 2:1	ECN LS06-0174
Eng	M. PESSON	2006/11/14			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		
			SUB MALE DMW EUROPE foot print				C01-8637-1750		Rev. A
			mixed power right angled solder				CUSTOMER		sheet 8 of 9
catag no									



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	0.X	±0.3	size	A2	Scale	2:1
Eng	M. PESSON	2006/11/14	LINEAR	0.XX	±0.1	ECN	LS06-0174		
Chr	P. LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05	Spec ref			
Appr	P. LEGARE	2006/11/14	Product family						
Title		SUB MATE 0mm EUROPE foot print		deg no		C01-8637-1750		Rev.	
mixed power right angled solder						A			
catalog no				CUSTOMER		sheet 9 of 9			

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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