



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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REFERENCE SPECIFICATIONS

-NFC 93425 (in compliance with HE 507)

PHYSICAL CHARACTERISTICS

-INSULATOR MATERIAL: THERMOPLASTIC UL94V0

-CONTACT MATERIAL: PHOSPHOR BRONZE

-ACCESSORIES: BRASS

-SHELLS: STEEL

ELECTRICAL CHARACTERISTICS

-NOMINAL CURRENT: 7.5A

-CONTACT RESISTANCE: <= 7.3 m ohms

-CONTACT/CONTACT : >=1000 V

-CONTACT/GROUND : >=1200 V

-INSULATION RESISTANCE: >=5000 MOhms

ENVIRONMENTAL CHARACTERISTICS

- CLIMATIC CATEGORY: 55/125/21

TEMPERATURE RANGE -55°C TO +125°C

DAMP HEAT STEADY STATE 21 DAYS

SALT SPRAY 48 HOURS

MECHANICAL CHARACTERISTICS

- RETENTION AGAINST TORQUE: - Threaded insert: 0.7 N.m minimum

- Female screw : 0.5 N.m minimum

NOTE RoHS INFORMATION

- The "LF" products meet european union Directives and other country regulations as described in GS-22-008.

- Termination plating spec: Ni + Gold

- Active area plating spec: Ni + Gold

- Shell plating :2 to 4µm Cu + Nickel + 3 to 10µmm Sn,pure bright

- Accessories: Sn pure bright + nickel

- Packaging spec: See GS-14-920

Series

DBL13W3S043A00LF

Shell size: E A B C D

see sheet 2

Front accessory definition

see sheet 2

Blank :without accessory

L :threaded insert M3

O :threaded insert UNC 4-40

Layout of contacts (see sheet 3)

Contacts

S :Socket

Plating

Blank signal solder bucket 200 matings/unmatings

043 signal solder bucket 500 matings/unmatings

PCB accessory definition

A witout accessory on PCB

Power contacts

00 without power contact

See note RoHS

www.fciconnect.com

surface - tolerance std projection

ISO 1302 ✓ ISO 406 ISO 1101

TOLERANCES UNLESS OTHERWISE SPECIFIED

ANGULAR LINEAR

0.X ±0.3 size A2 Scale

0.XX ±0.1 2:1

0.XXX ±0.05 ECN LS07-0273

Product family - Spec ref

Dr M PESSON 2005-10-11

Eng P LEGARE 2005-10-11

Chr

Appr

FCI

title SUB FEMALE DW

mixed power+solder bucket

catalog no

dwg no C01-8639-2303

Rev. D

rev ecn no dr date

A LS05-0101 MPE 2005-10-11

B LS06-0208 LGO 2006-12-12

C LS07-0273 MPE 2007/10/31

D F10-0073 LSA 2010/07/20

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REV E - 2006-03-28

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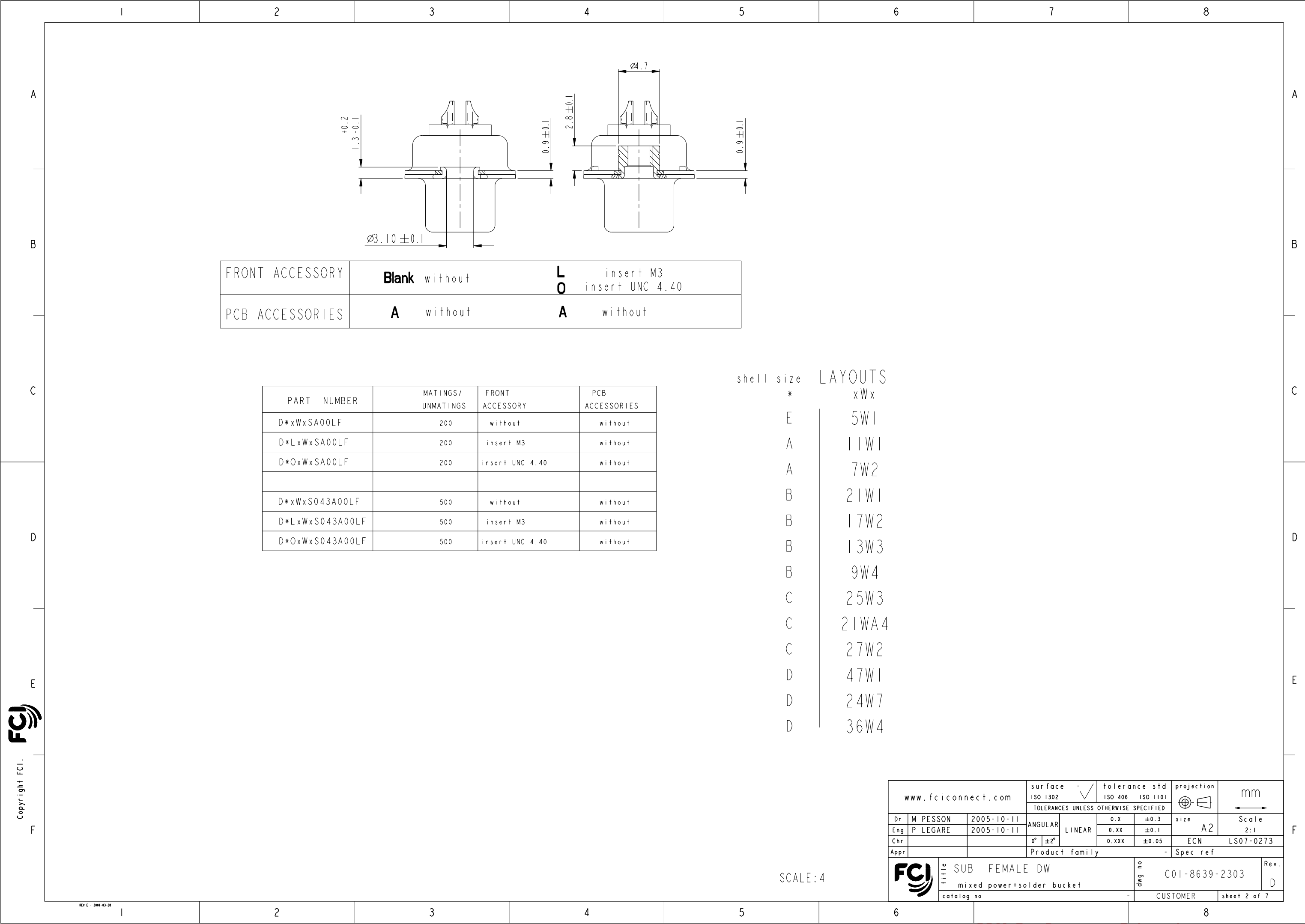
FCI

PDS: Rev :D

PDM: Rev :D

STATUS: Released

Printed: Jun 19, 2015



FRONT ACCESSORY	Blank without	L O insert M3 insert UNC 4.40
PCB ACCESSORIES	A without	A without

PART NUMBER	MATINGS/ UNMATINGS	FRONT ACCESSORY	PCB ACCESSORIES
D*xWxSA00LF	200	without	without
D*LxWxSA00LF	200	insert M3	without
D*OxWxSA00LF	200	insert UNC 4.40	without
D*xWxS043A00LF	500	without	without
D*LxWxS043A00LF	500	insert M3	without
D*OxWxS043A00LF	500	insert UNC 4.40	without

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

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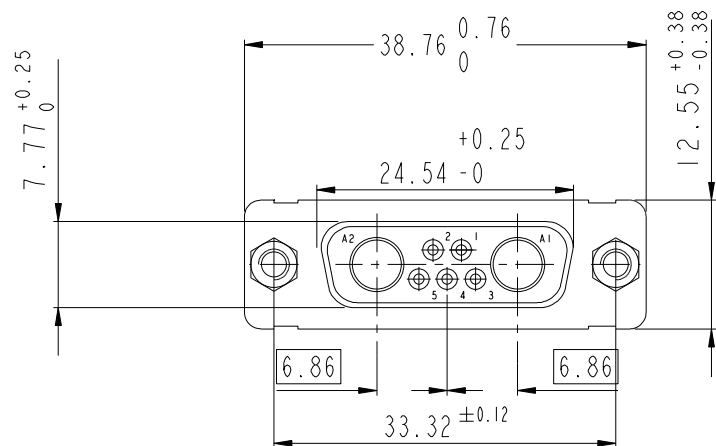
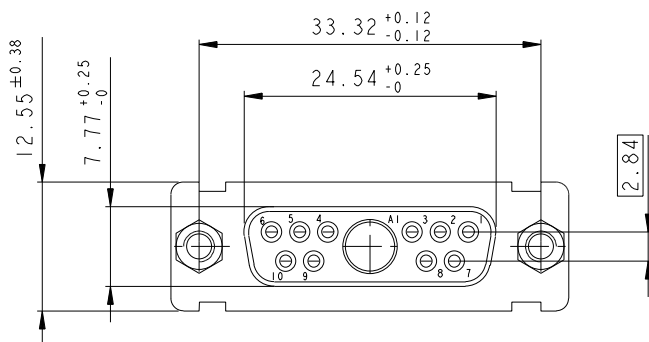
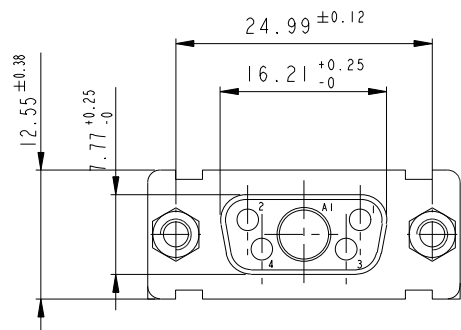
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			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	M PESSON	2005-10-11	ANGULAR	0.X	±0.3	size
Eng	P LEGARE	2005-10-11	LINEAR	0.XX	±0.1	Scale
Chr			0° ±2°	0.XXX	±0.05	ECN
Appr			Product family			Spec ref
FCI			SUB FEMALE DW			Rev.
			mixed power+solder bucket			D
			catalog no	-	CUSTOMER	sheet 2 of 7

SCALE: 4

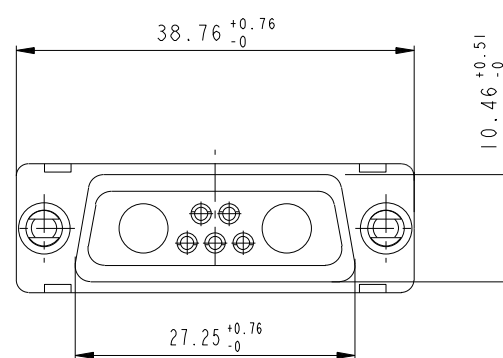
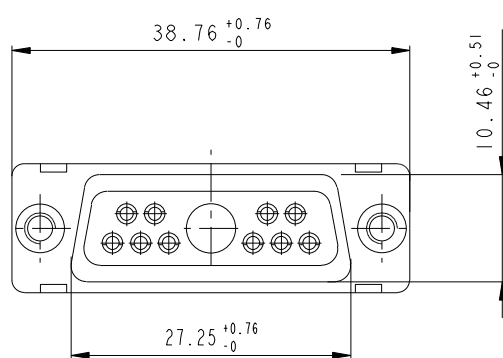
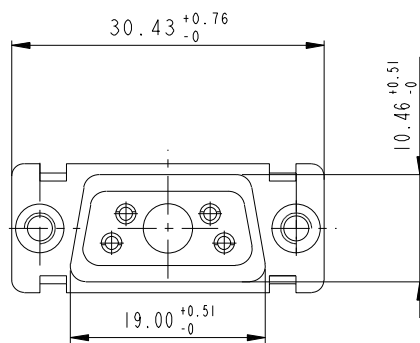
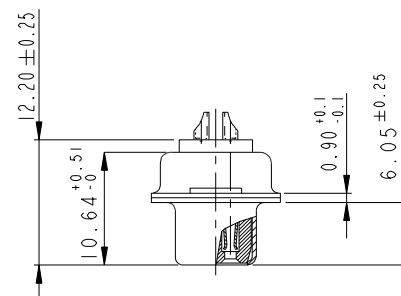
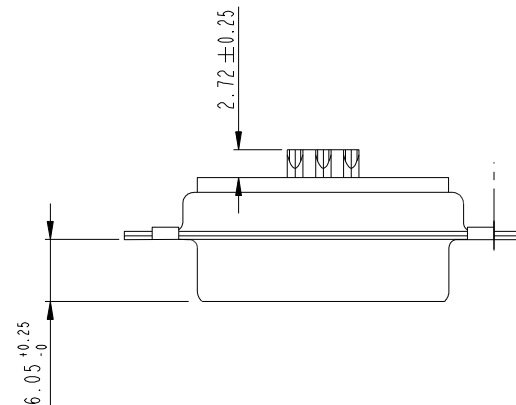
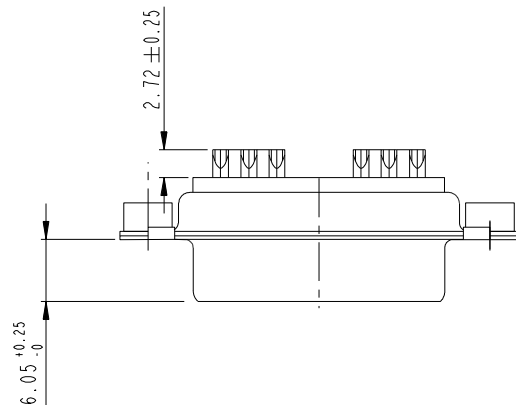
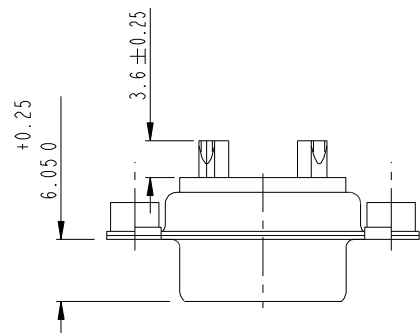
5W1

11W1

7W2



SIDE VIEW FOR
LAYOUTS: E A B C



Floating signal contacts

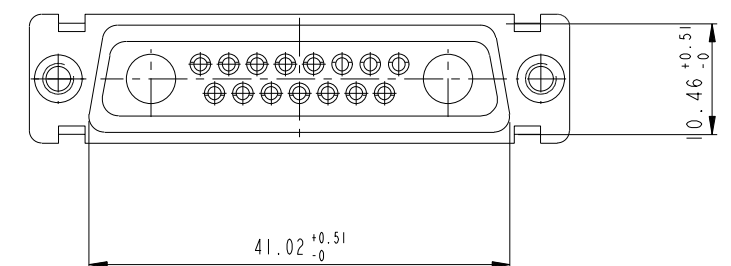
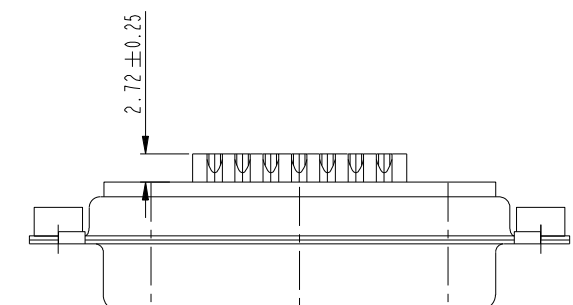
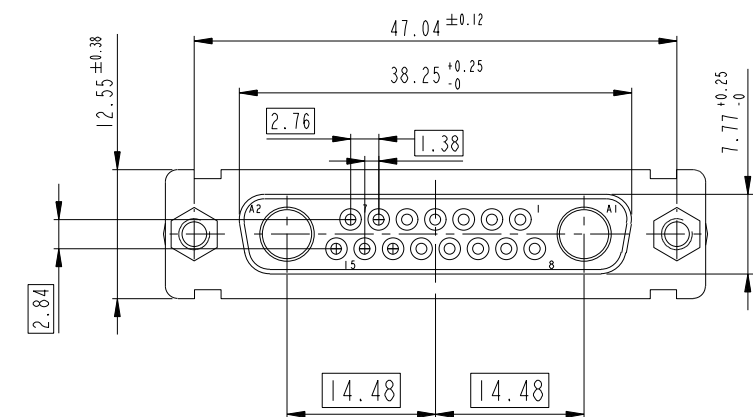


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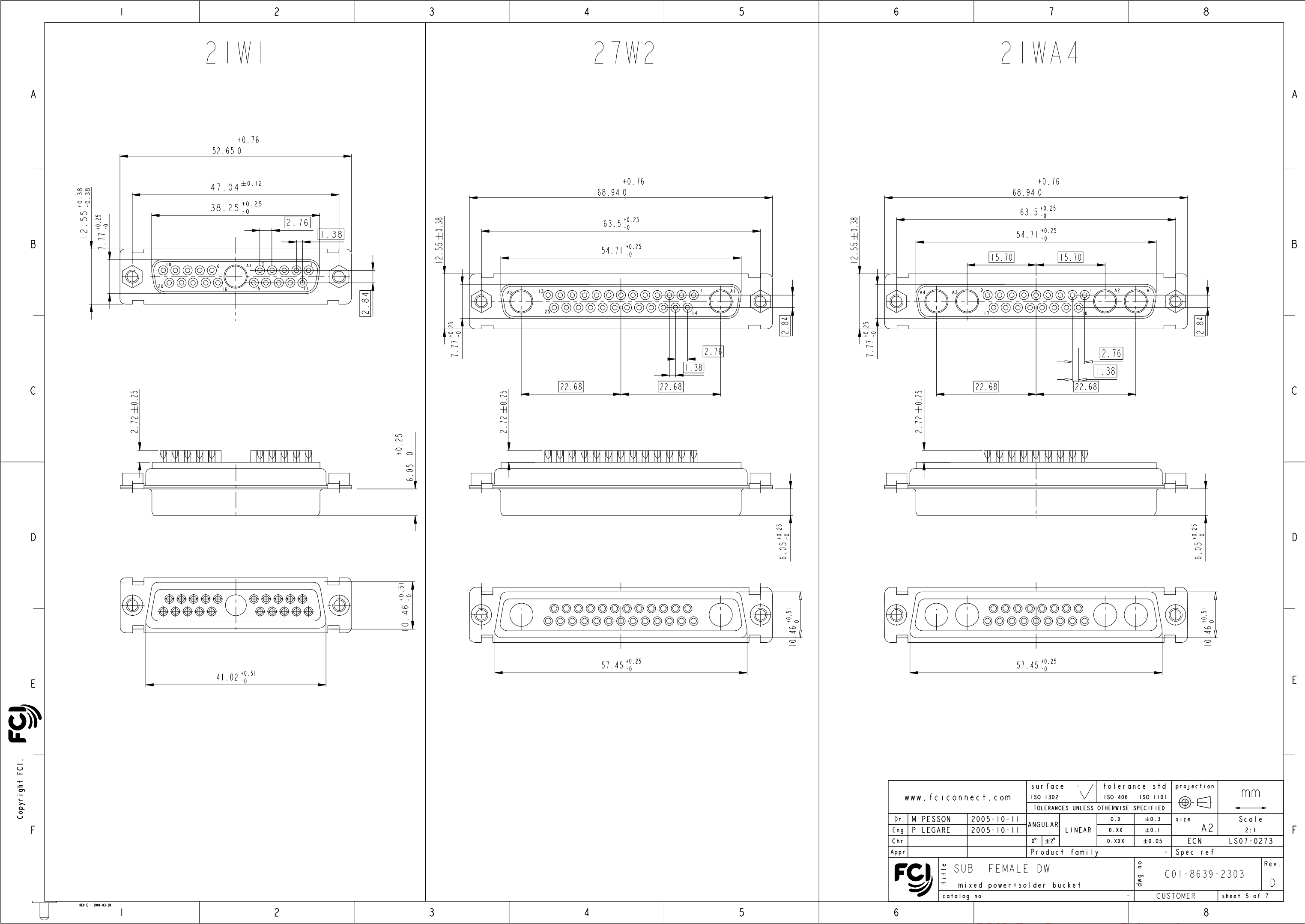
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		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	M PESSON	2005-10-11	ANGULAR	0.X ±0.3	size A2
Eng	P LEGARE	2005-10-11	LINEAR	0.XX ±0.1	Scale 2:1
Chr			0° ±2°	0.XXX ±0.05	ECN LS07-0273
Appr			Product family	-	Spec ref
		SUB FEMALE DW			Rev. D
		mixed power+solder bucket			
		catalog no	-	CUSTOMER	sheet 3 of 7

REV E - 2006-03-28

17W2



www.fciconnect.com			surface  ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	M PESSON	2005-10-11	ANGULAR	LINEAR	0.X	±0.3	size A2	Scale 2:1		
Eng	P LEGARE	2005-10-11			0.XX	±0.1				
Chr					0.XXX	±0.05				
Appr			° ±2°			ECN			LS07-0273	
			Product family			-			Spec ref	
		title SUB FEMALE DW mixed power+solder bucket	dwg no C01-8639-2303			Rev. D				
catalog no		-	CUSTOMER			sheet 4 of 7				



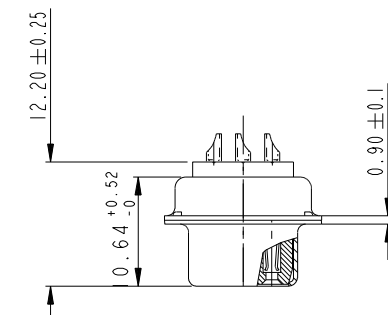
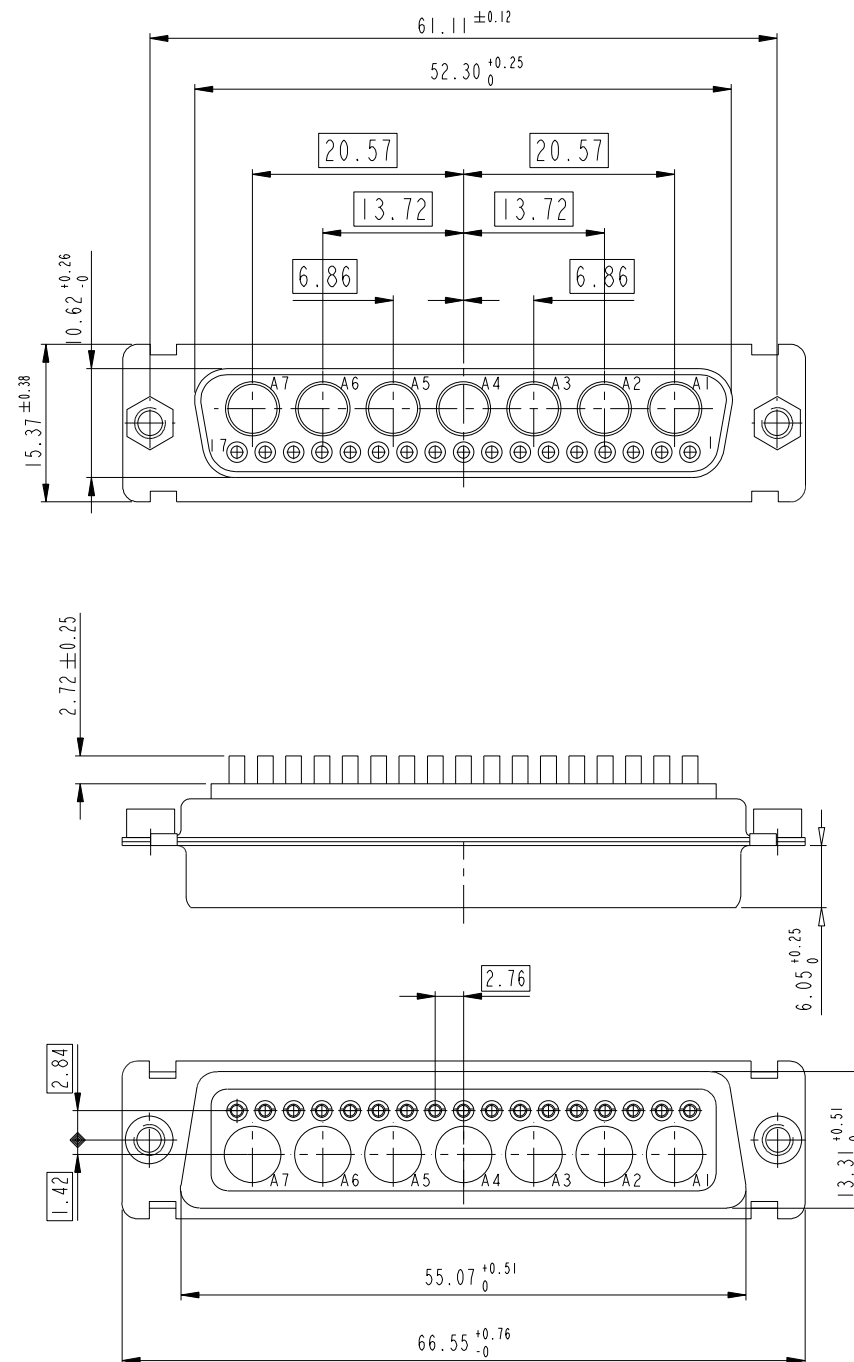
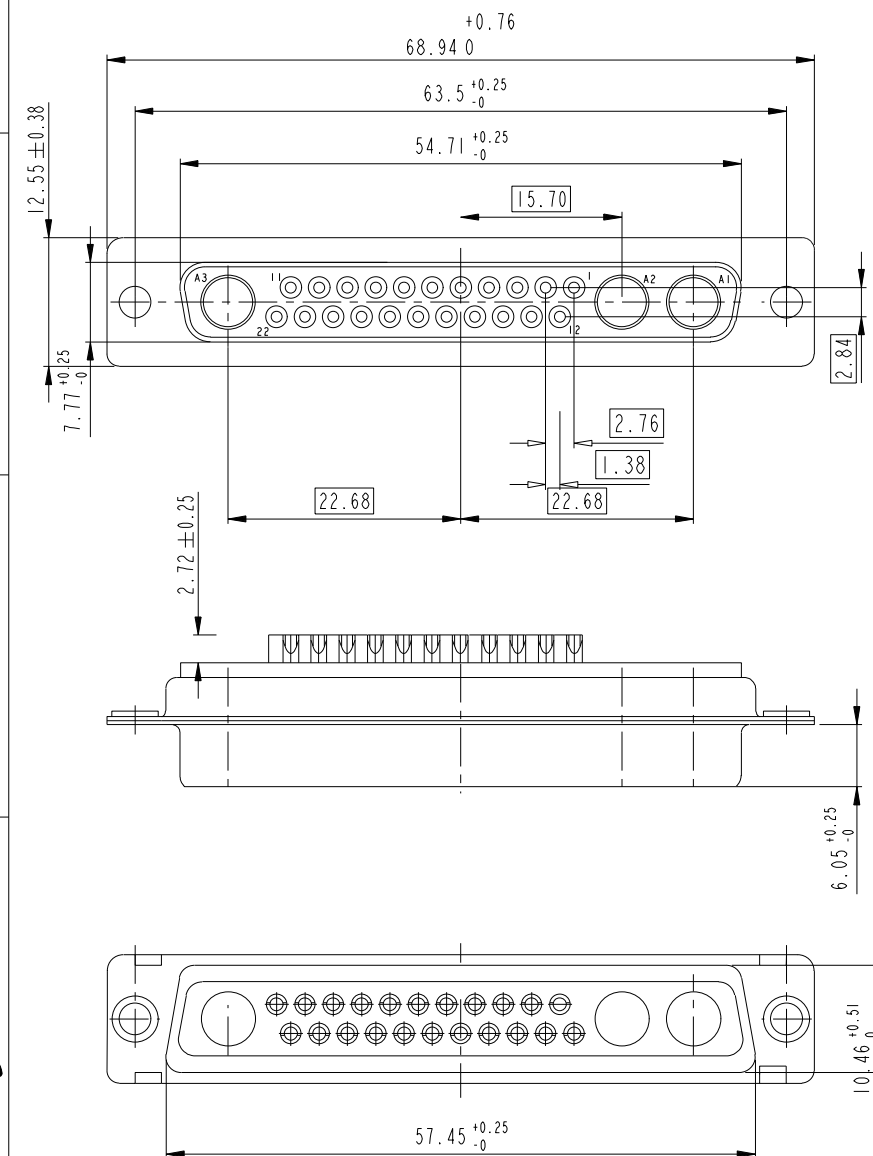
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www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection mm	mm	
		TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	M PESSON	2005-10-11	ANGULAR	0.X	±0.3	size A2
Eng	P LEGARE	2005-10-11	LINEAR	0.XX	±0.1	Scale 2:1
Chr			0° ±2°	0.XXX	±0.05	ECN LS07-0273
Appr			Product family	-	Spec ref	
FCi		SUB FEMALE DW			dwg no C01-8639-2303	Rev. D
		mixed power+solder bucket				
		catalog no	-	CUSTOMER	sheet 5 of 7	

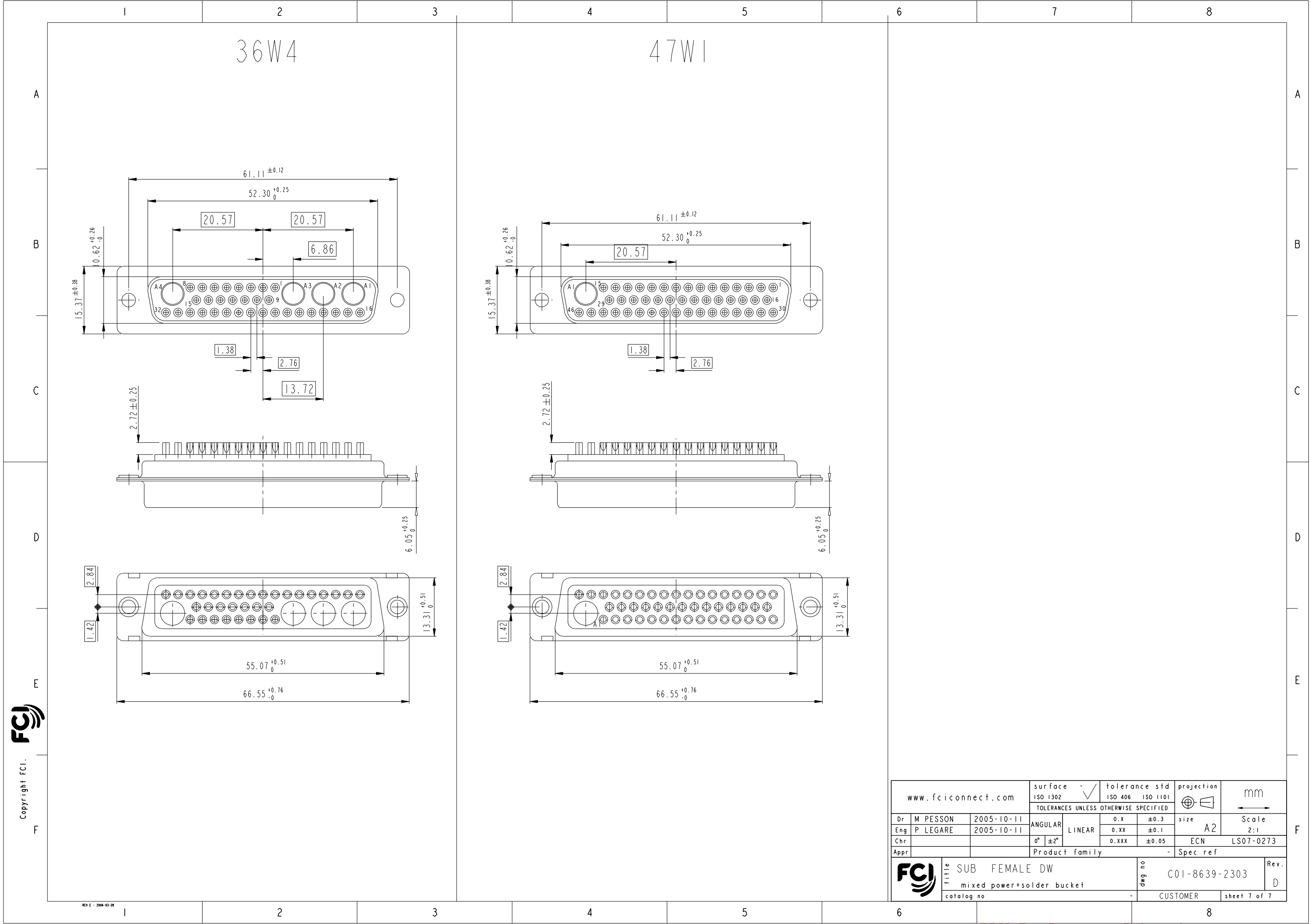
25W3

24W7

SIDE VIEW FOR
LAYOUT: D



www.fciconnect.com		surface - ☒ ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	M PESSON	2005-10-11	ANGULAR	0.X	± 0.3
Eng	P LEGARE	2005-10-11	LINEAR	0.XX	± 0.1
Chr			0° $\pm 2^\circ$	0.XXX	± 0.05
Appr			Product family	-	Spec ref
FCI		SUB FEMALE DW		dwg no	Rev.
		mixed power+solder bucket		C01-8639-2303	D
		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							
Dr	M PESSON	2005-10-11	ANGULAR	LINEAR	0.X ±0.3		size A2	Scale 2:1		
Eng	P LEGARE	2005-10-11			0.XX ±0.1					
Chr					0.XXX ±0.05					
Appr			Product family				-	Spec ref		
			title SUB FEMALE DW mixed power+solder bucket				dwg no C01-8639-2303		Rev. D	
			catalog no -				CUSTOMER		sheet 7 of 7	