

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 10µm 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

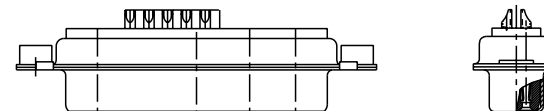
PCB accessory definition

A without accessory on PCB

Power contacts

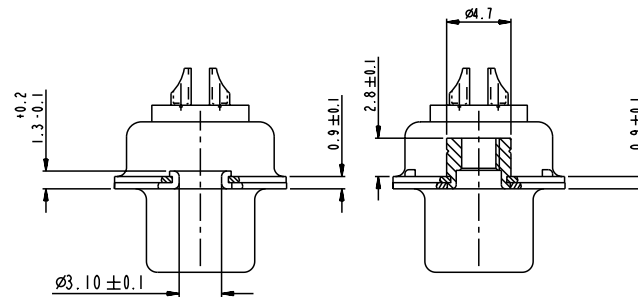
00 without power contact

See note RoHS



13W3 FOR EXAMPLE

www.fciconnect.com				surface - ☒ tolerance std ISO 1302 ISO 406 ISO 1101		projection 		mm 					
				TOLERANCES UNLESS OTHERWISE SPECIFIED									
rev	ecn no	dr	date	Dr	M PESSON	2005-10-11	ANGULAR	0.X	±0.3	size	A2	Scale	2:1
A	LS05-0101	MPE	2005-10-11	Eng	P LEGARE	2005-10-11	LINEAR	0.XX	±0.1				
B	LS06-0208	LGO	2006-12-12	Chr			0° ±2°	0.XXX	±0.05	ECN	LS07-0273		
C	LS07-0273	MPE	2007/10/31	Appr			Product family			-	Spec ref		



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

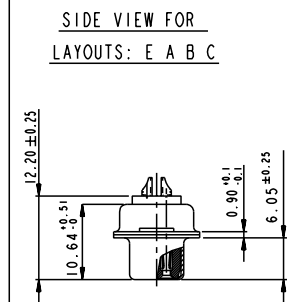
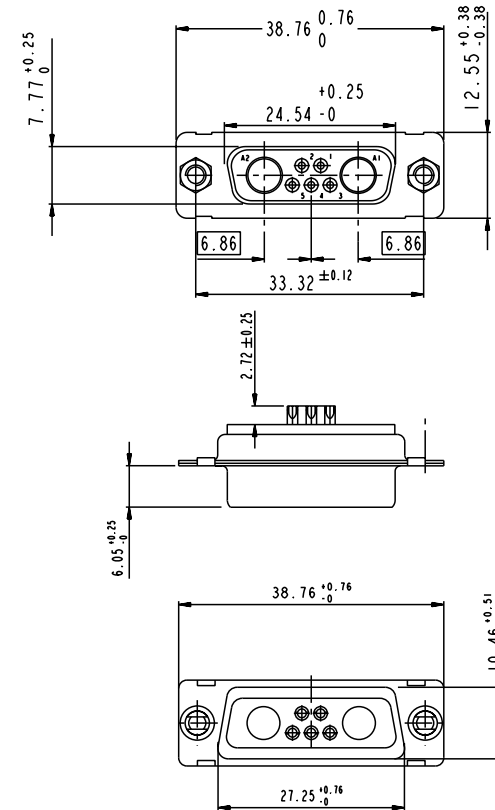
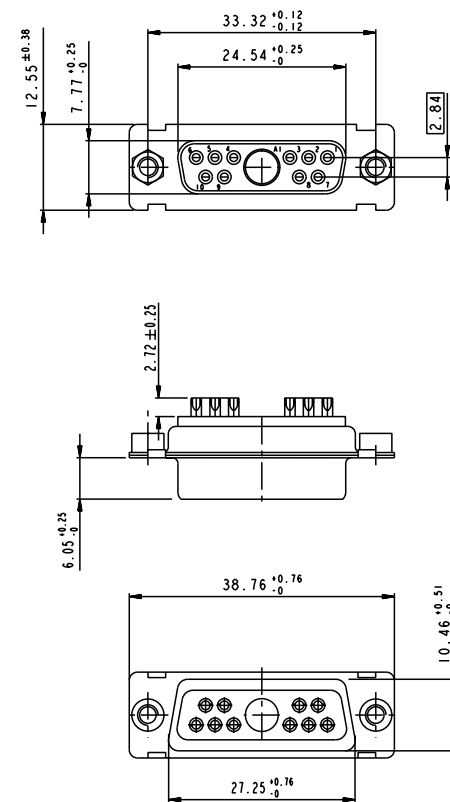
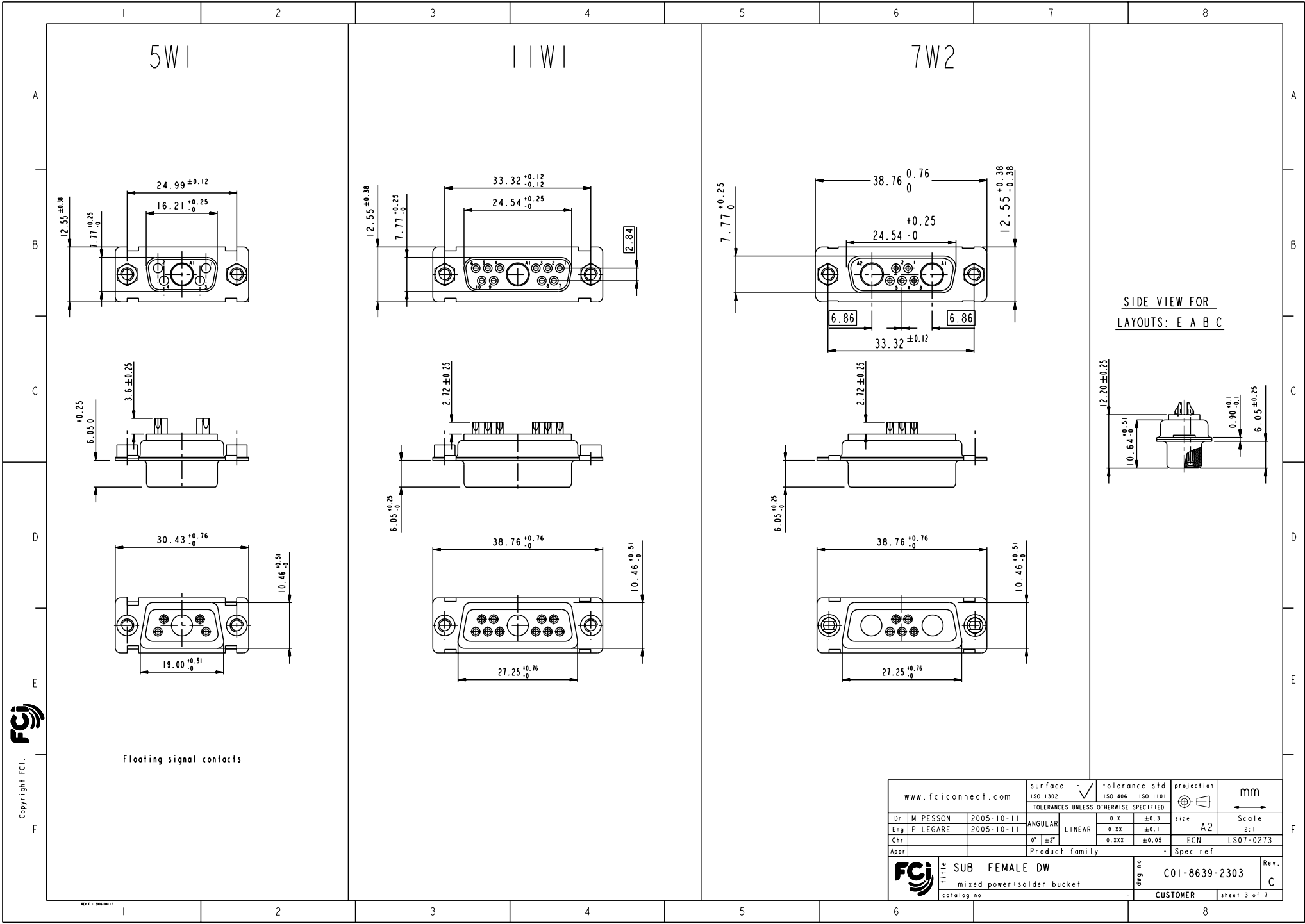
PART NUMBER	MATINGS/ UNMATINGS	FRONT ACCESSORY	PCB ACCESSORIES
D*xWxSA00LF	200	without	without
D*LxWxSA00LF	200	insert M3	without
D*OxWxSA00LF	200	insert UNC 4.40	without
D*xWxS043A00LF	500	without	without
D*LxWxS043A00LF	500	insert M3	without
D*OxWxS043A00LF	500	insert UNC 4.40	without

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

SCALE: 4

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



www.fciconnect.com		surface ISO 1302	-	tolerance std ISO 406	ISO 1101	projection A2	mm
Dr M PESSON		2005-10-11	ANGULAR	0.X	±0.3	size	Scale
Eng P LEGARE		2005-10-11	LINEAR	0.XX	±0.1	2:1	
Chr			0° ±2°	0.XXX	±0.05	ECN	LS07-0273
Appr		Product family		- Spec ref			
FCI		SUB FEMALE DW		C01-8639-2303		Rev. C	
mixed power+solder bucket		CUSTOMER		sheet 3 of 7			
catalog no							

