

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: $\leq 7.3 \text{ m Ohms SIGNAL}$

-CONTACT/CONTACT : $\geq 1000 \text{ V}$

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

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

- CLIMATIC CATEGORY: 55/125/21

TEMPERATURE RANGE -55°C TO +125°C

DAMP HEAT STEADY STATE 56 DAYS

SALT SPRAY 48 HOURS

Series

DBML13W3S300N

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

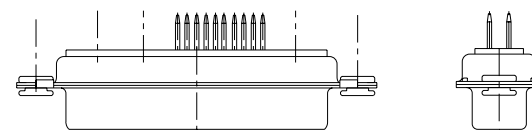
3 Straight version

Plating

00 straight solder 500 matings/unmatings

43 straight solder 500 matings/unmatings for harsh environment

N :obligatory indication for HE 507 series



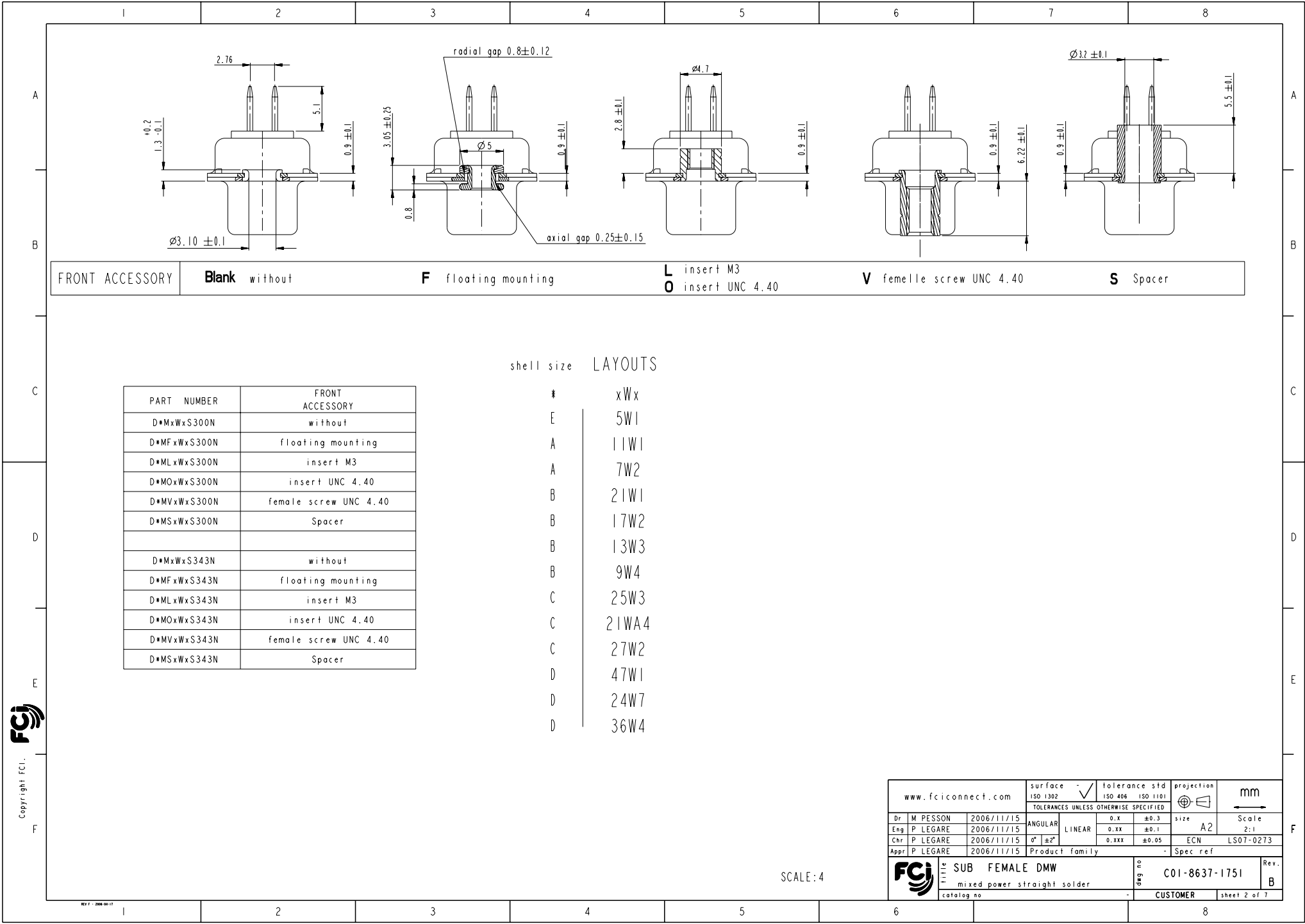
I3W3 FOR EXAMPLE

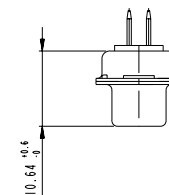
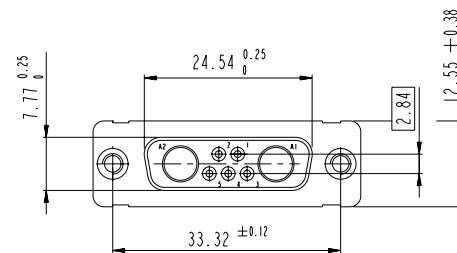
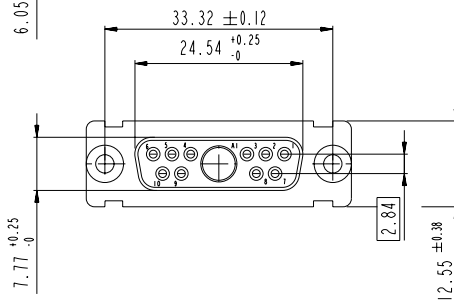
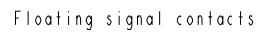
www.fciconnect.com				surface	tolerance std	projection	mm	
				ISO 1302	ISO 406	ISO 1101		
				TOLERANCES UNLESS OTHERWISE SPECIFIED				
rev	ecn no	dr	date	Dr	M	PESSON	2006/11/15	ANGULAR
A	LS06-0174	MPE	2006/11/15	Eng	P	LEGARE	2006/11/15	LINEAR
B	LS07-0273	MPE	2007/10/30	Chr	P	LEGARE	2006/11/15	0° ±2°
-	-	-	-	Appr	P	LEGARE	2006/11/15	Product family
-	-	-	-					- Spec ref
				FCI SUB FEMALE DMW				Rev.
				mixed power straight solder				B
				catalog no				
				CUSTOMER				sheet 1 of 7

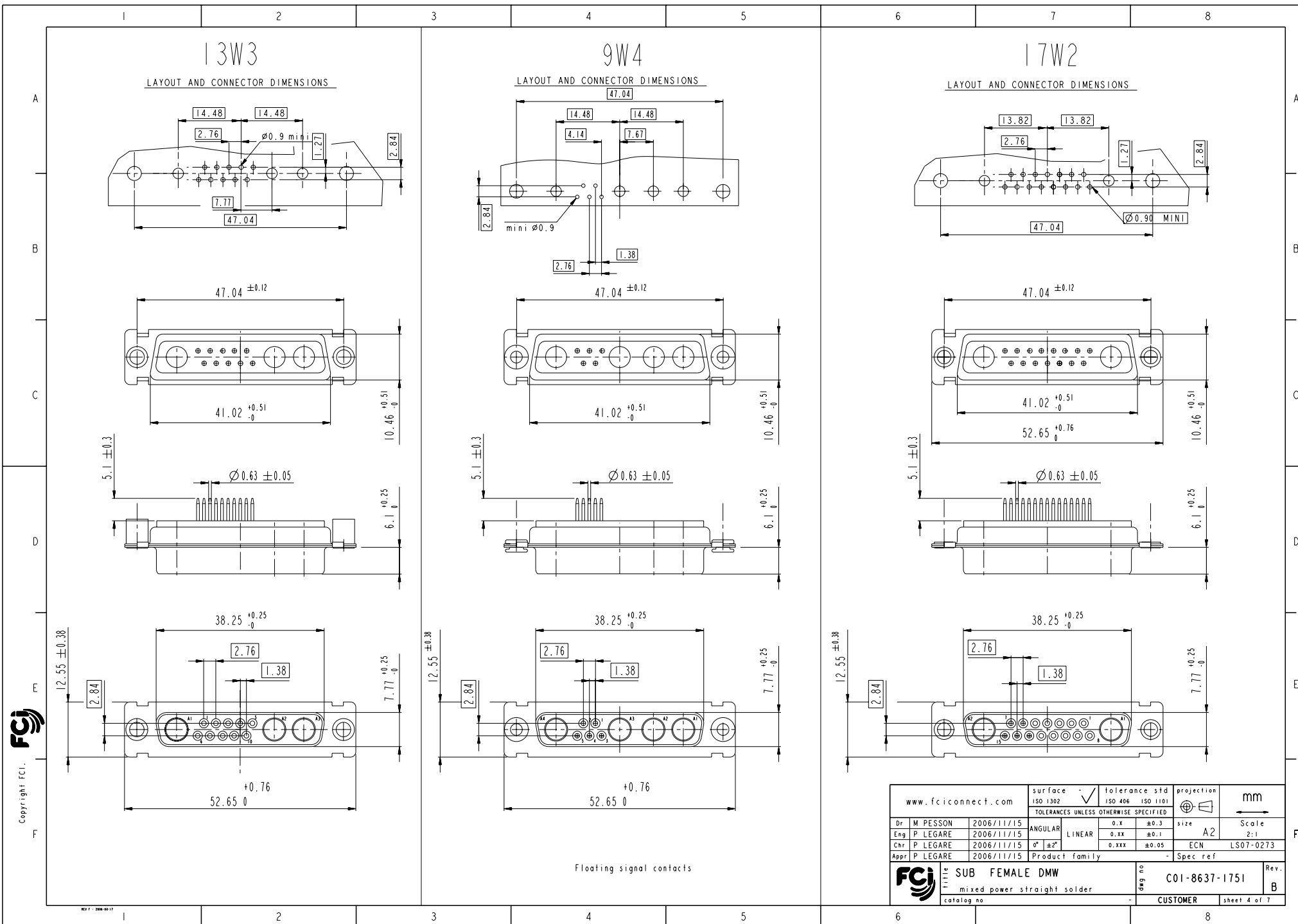


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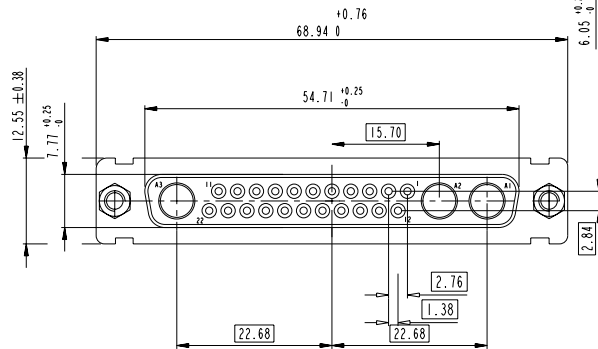
REV 7 - 2006-04-17



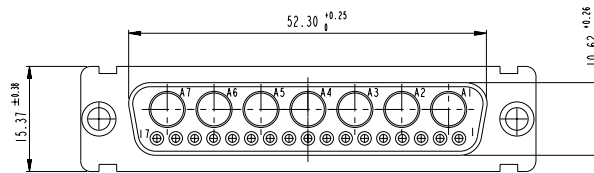




LAYOUT AND CONNECTOR DIMENSIONS



LAYOUT AND CONNECTOR DIMENSIONS



Technical drawing of a mechanical part showing a dimension of $10.64^{+0.52}_{-0}$.

www.fciconnect.com			surface - ☒ tolerance std ISO 1302 ISO 406 ISO 1101		projection 		mm 	
TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	M PESSON	2006/11/15	ANGULAR	LINEAR	0.X	±0.3	size A2	Scale 2:1
Eng	P LEGARE	2006/11/15			0.XX	±0.1		
Chr	P LEGARE	2006/11/15			0° ±2°	0.XXX		
Appr	P LEGARE	2006/11/15	Product family			ECN LS07-0273		
						- Spec ref		
			title SUB FEMALE DMW mixed power straight solder			dng no C01-8637-1751		Rev. B
catalog no						CUSTOMER		sheet 6 of 7

