

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

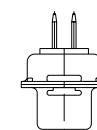
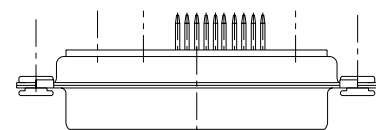
3 Straight version

Plating

00 straight solder 500 matings/unmatings

43 straight solder 500 matings/unmatings for harsh environment

N :obligatory indication for HE 507 series

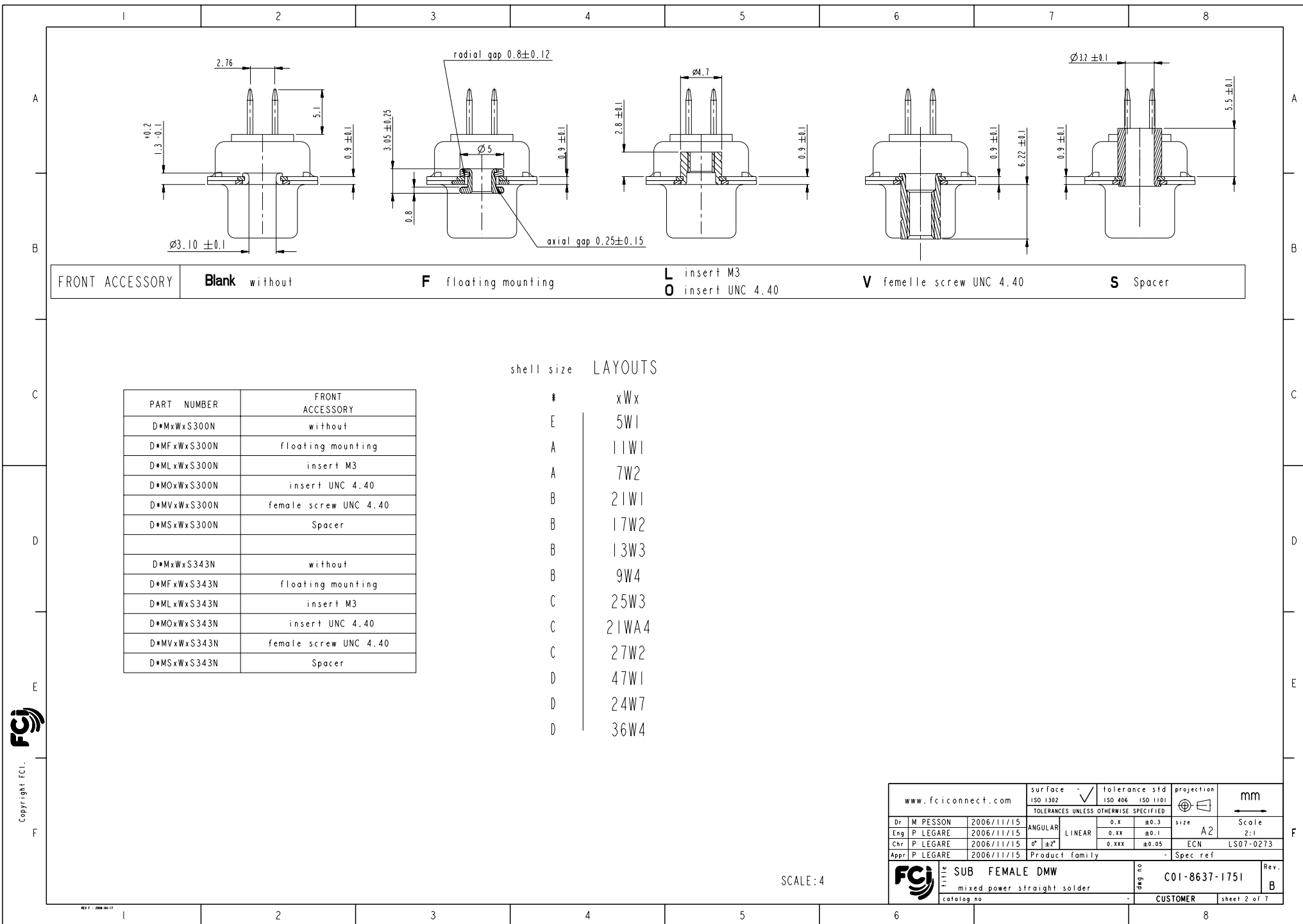


I3W3 FOR EXAMPLE

www.fciconnect.com				surface ☒ tolerance std ISO 1302 ISO 406 ISO 1101			projection 		mm 		
				TOLERANCES UNLESS OTHERWISE SPECIFIED							
rev	ecn no	dr	date	Dr	M PESSON	2006/11/15	ANGULAR	0.X	±0.3	size	A2
A	LS06-0174	MPE	2006/11/15	Eng	P LEGARE	2006/11/15	LINEAR	0.XX	±0.1	Scale	2:1
B	LS07-0273	MPE	2007/10/30	Chr	P LEGARE	2006/11/15	0° ±2°	0.XXX	±0.05	ECN	LS07-0273
-	-	-	-	Appr	P LEGARE	2006/11/15	Product family	-	-	Spec ref	-
								title SUB FEMALE DMW		deg no C01-8637-1751	
								mixed power straight solder		Rev. B	
				catalog no				CUSTOMER		sheet 1 of 7	

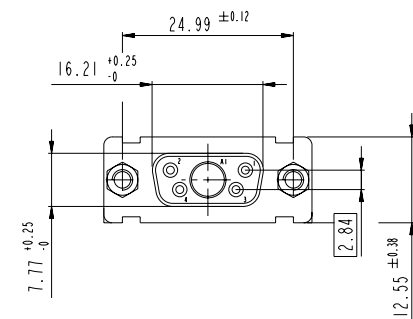
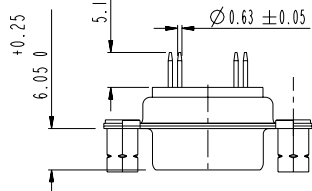
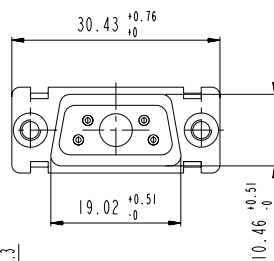
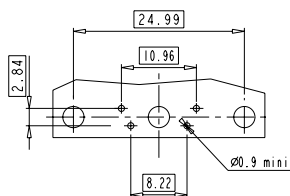


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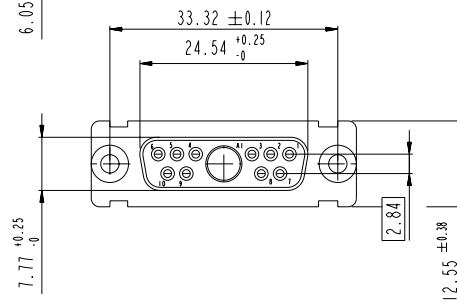
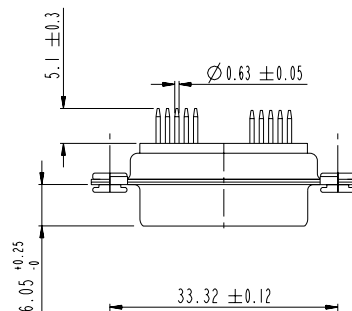
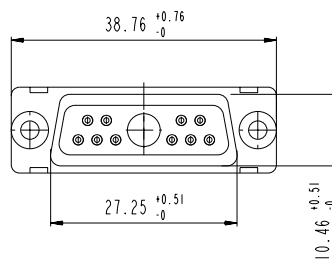
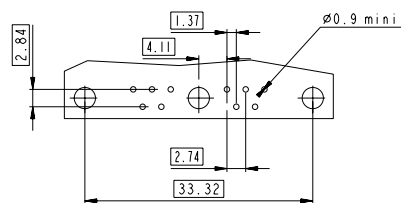
LAYOUT AND CONNECTOR DIMENSIONS



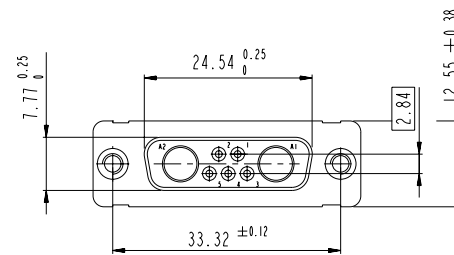
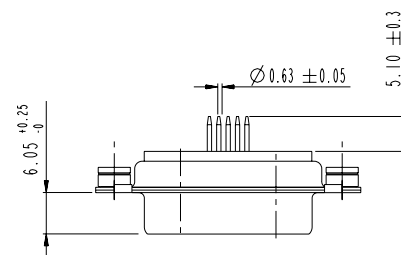
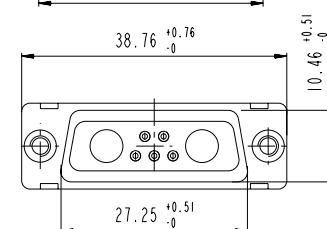
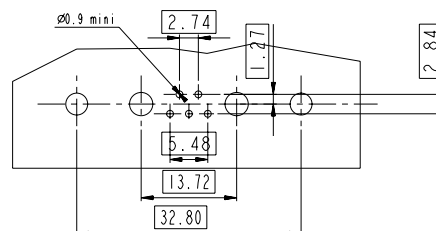
Floating signal contacts



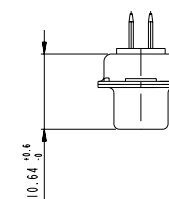
LAYOUT AND CONNECTOR DIMENSIONS



LAYOUT AND CONNECTOR DIMENSIONS



SIDE VIEW FOR
LAYOUTS: E A B C



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	Scale
Eng	P LEGARE	2006/11/15			0.XX	±0.1	A2	2:1
Chr	P LEGARE		0° ±2°		0.XXX	±0.05	ECN	LS07-0273
Appr	P LEGARE	2006/11/15	Product family			-	Spec ref	
			title SUB FEMALE DMW mixed power straight solder			day no C01-8637-1751		Re B
catalog no			CUSTOMER			sheet 3 of 7		

