

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: ≤ 7.3 m Ohms SIGNAL

-CONTACT/CONTACT : ≥ 1000 V

-CONTACT/GROUND : ≥ 1200 V

-INSULATION RESISTANCE: ≥ 5000 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

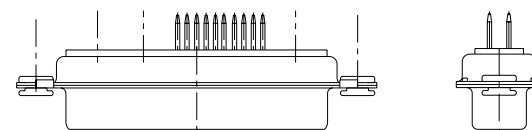
3 Straight version

Plating

00 straight solder 500 matings/unmatings

43 straight solder 500 matings/unmatings for harsh environment

N :obligatory indication for HE 507 series

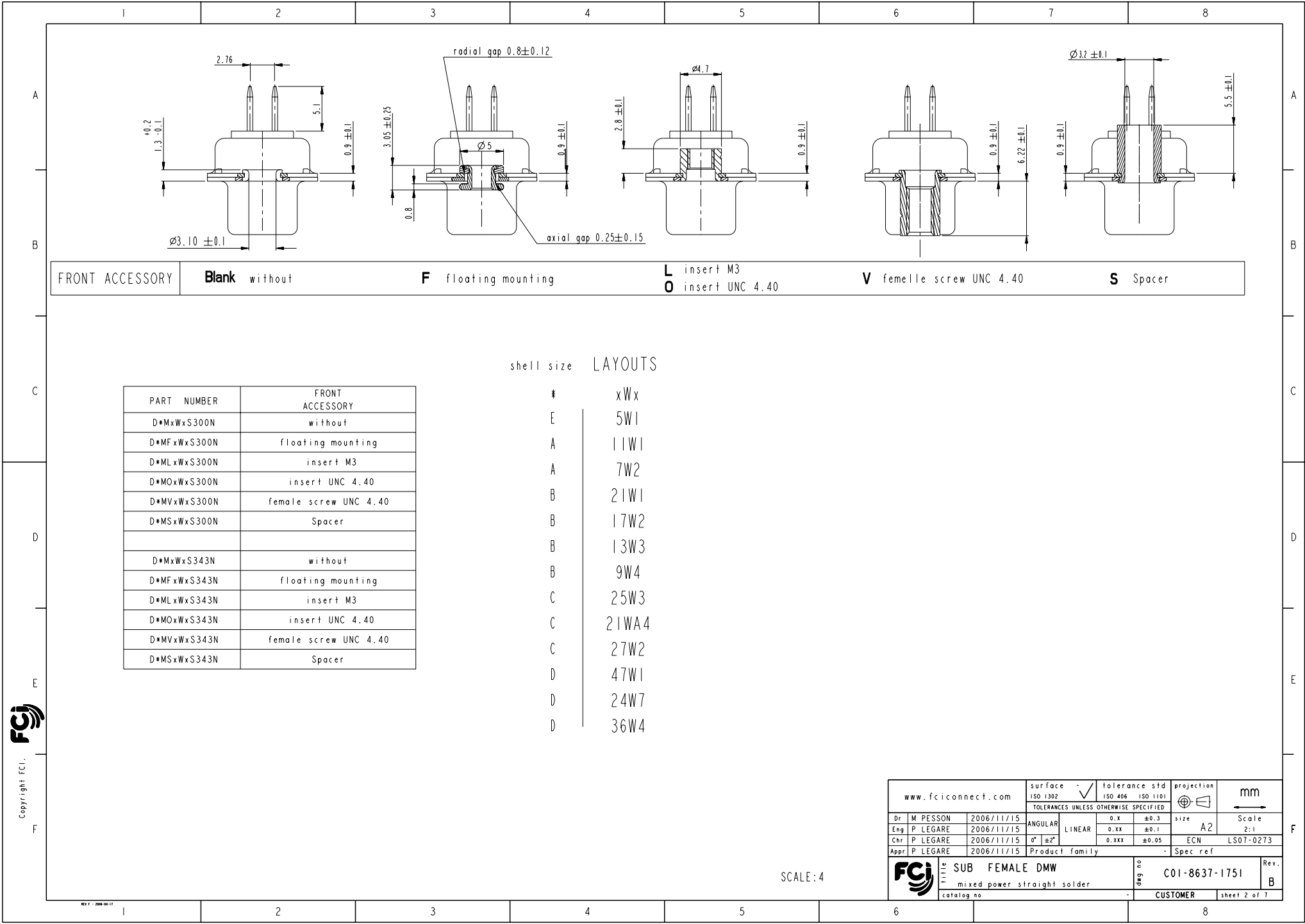


I3W3 FOR EXAMPLE

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	Scale	2:1		
A	LS06-0174	MPE	2006/11/15	Eng	P LEGARE	2006/11/15	LINEAR	0.XX	±0.1						
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					
-	-	-	-												
-	-	-	-												
-	-	-	-												
								SUB FEMALE DMW		deg no		C01-8637-1751		Rev	B
								mixed power straight solder							
								catalog no		-		CUSTOMER		sheet 1 of 7	



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PART NUMBER	FRONT ACCESSORY
D*MxWxS300N	without
D*MFxWxS300N	floating mounting
D*MLxWxS300N	insert M3
D*MOxWxS300N	insert UNC 4.40
D*MVxWxS300N	female screw UNC 4.40
D*MSxWxS300N	Spacer
D*MxWxS343N	without
D*MFxWxS343N	floating mounting
D*MLxWxS343N	insert M3
D*MOxWxS343N	insert UNC 4.40
D*MVxWxS343N	female screw UNC 4.40
D*MSxWxS343N	Spacer

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 ☒ tolerance std ☐ ISO 1302 ISO 406 ISO 1101		projection  mm 	
TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	M PESSON	2006/11/15	ANGULAR	0.X ±0.3	size A2	Scale 2:1
Eng	P LEGARE	2006/11/15	LINEAR	0.XX ±0.1	ECN	LS07-0273
Chr	P LEGARE	2006/11/15	0° ±2°	0.XXX ±0.05		
Appr	P LEGARE	2006/11/15	Product family		- Spec ref	
			SUB FEMALE DMW		C01-8637-1751	
mixed power straight solder			cat no		Rev. B	
catalog no			-		CUSTOMER	sheet 2 of 7

