

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

DBML13W3S400N

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

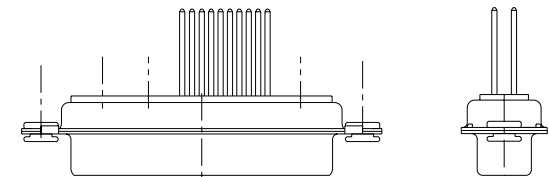
4 3 level wire wrap

Plating

00 straight solder 500 matings/unmatings

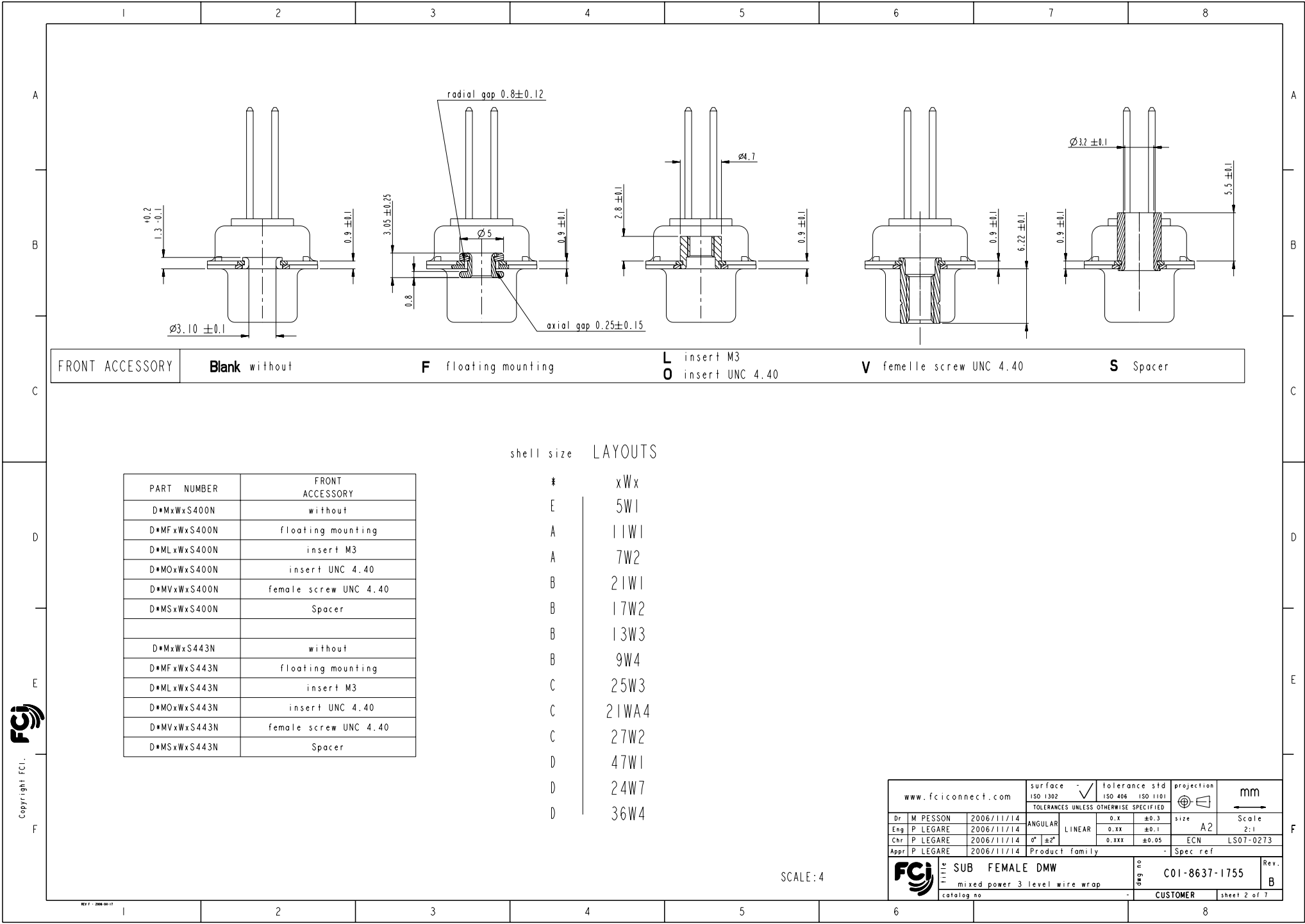
43 straight solder 500 matings/unmatings for harsh environment

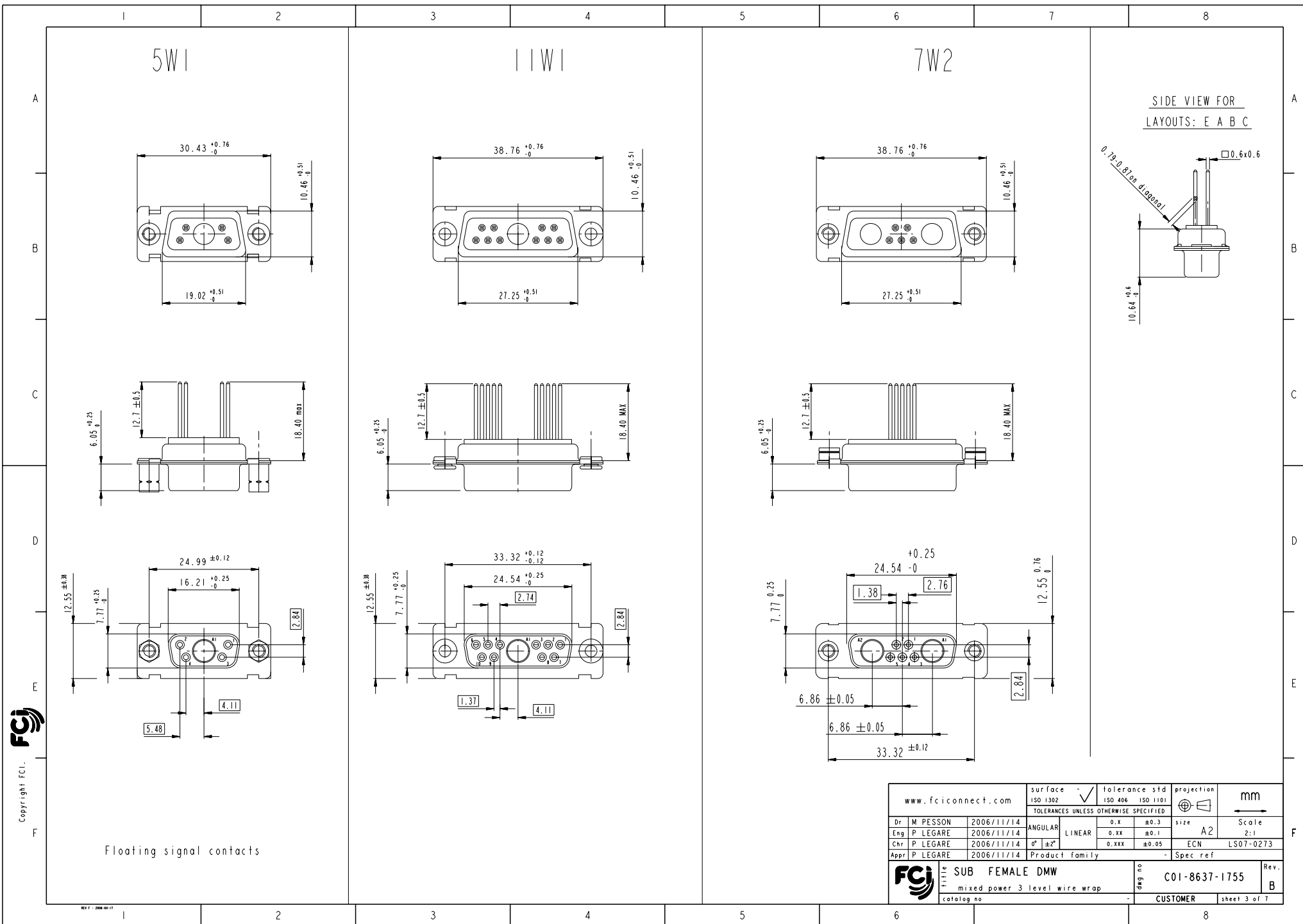
N :obligatory indication for HE 507 series



13W3 FOR EXAMPLE

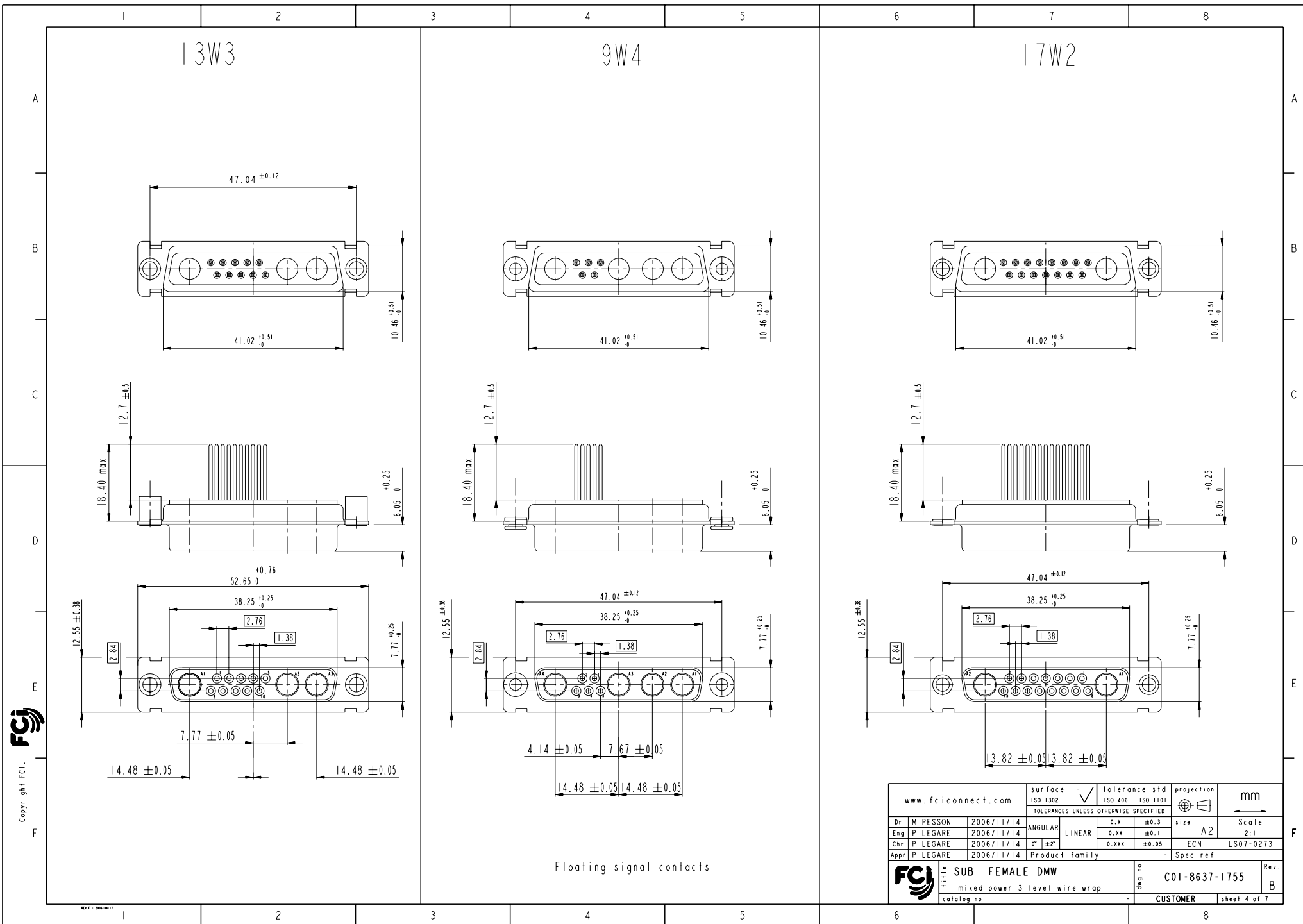
www.fciconnect.com				surface - ☒ tolerance std ISO 1302 ISO 406 ISO 1101		projection 		mm 						
TOLERANCES UNLESS OTHERWISE SPECIFIED														
rev	ecn no	dr	date	Eng	M PESSON	2006/11/14	ANGULAR	0.X	±0.3	size	A2	Scale	2:1	
A	LS06-0174	MLE	2006/11/14	Chr	P LEGARE	2006/11/14	LINEAR	0.XX	±0.1					
B	LS07-0273	MPE	2007/10/30	Chr	P LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05	ECN	LS07-0273			
-	-	-	-	Appr	P LEGARE	2006/11/14	Product family	-	-	Spec ref				
FCI							SUB FEMALE DMW			deg no		C01-8637-1755	Rev.	B
mixed power 3 level wire wrap							catalog no			-		CUSTOMER	sheet 1 of 7	





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www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	M PESSON	2006/11/14	ANGULAR	0.X	±0.3	size	A2	Scale
Eng	P LEGARE	2006/11/14	LINEAR	0.XX	±0.1			2:1
Chr	P LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05	ECN	LS07-0273	
Appr	P LEGARE	2006/11/14	Product family			Spec ref		
FCi		SUB FEMALE DMW		mixed power 3 level wire wrap		Part no	C01-8637-1755	Rev.
		catalog no				CUSTOMER	sheet 3 of 7	



www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED					size	Scale
Dr	M PESSON	2006/11/14	ANGULAR	0.X	±0.3		A2	2:1
Eng	P LEGARE	2006/11/14	LINEAR	0.XX	±0.1		ECN	LS07-0273
Chr	P LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05		Spec ref	
Appr	P LEGARE	2006/11/14	Product family					
FCJ		SUB FEMALE DMW		C01-8637-1755		Rev. B		
Title		mixed power 3 level wire wrap		Customer		Sheet 4 of 7		
Catalog no								

