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A

B

C

D

E

F

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

-CONTACT RESISTANCE: <= 7.3 m ohms signal

-CONTACT/CONTACT : >=1000 V

-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 56 DAYS

SALT SPRAY 48 HOURS

MECHANICAL CHARACTERISTICS

- RETENTION AGAINST TORQUE: - Threaded insert: 0.7 N.m minimum

- Female screw : 0.5 N.m minimum

Series

DBML13W3P043N

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

O :threaded insert M3

L :threaded insert UNC 4-40

V :female screw UNC 4-40

F :floating mounting

Layout of contacts

Contacts

P :Pin

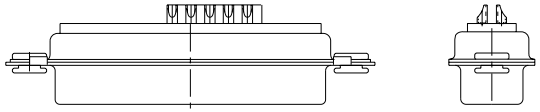
Plating

Blank solder bucket 500 matings/unmatings

043 solder bucket 500 matings/unmatings for harsh environment

N :obligatory indication for HE 507 series

13W3 FOR EXAMPLE



rev	ecn no	dr	date
A	LS06-0174	MPE	2006/11/14
B	LS07-0273	MPE	2007/10/30
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com		surface	tolerance std	projection	mm
		ISO 1302	ISO 406 ISO 1101	ISO 1101	
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	M PESSON	2006/11/14	ANGULAR	0.X	±0.3
Eng	P LEGARE	2006/11/14	LINEAR	0.XX	±0.1
Chr	P LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05
Appr	P LEGARE	2006/11/14	Product family	-	Spec ref

title	sub	male	dmw	deg no	Rev.
mixed power+solder bucket				C01-8637-1754	B
catalog no				CUSTOMER	sheet 1 of 7

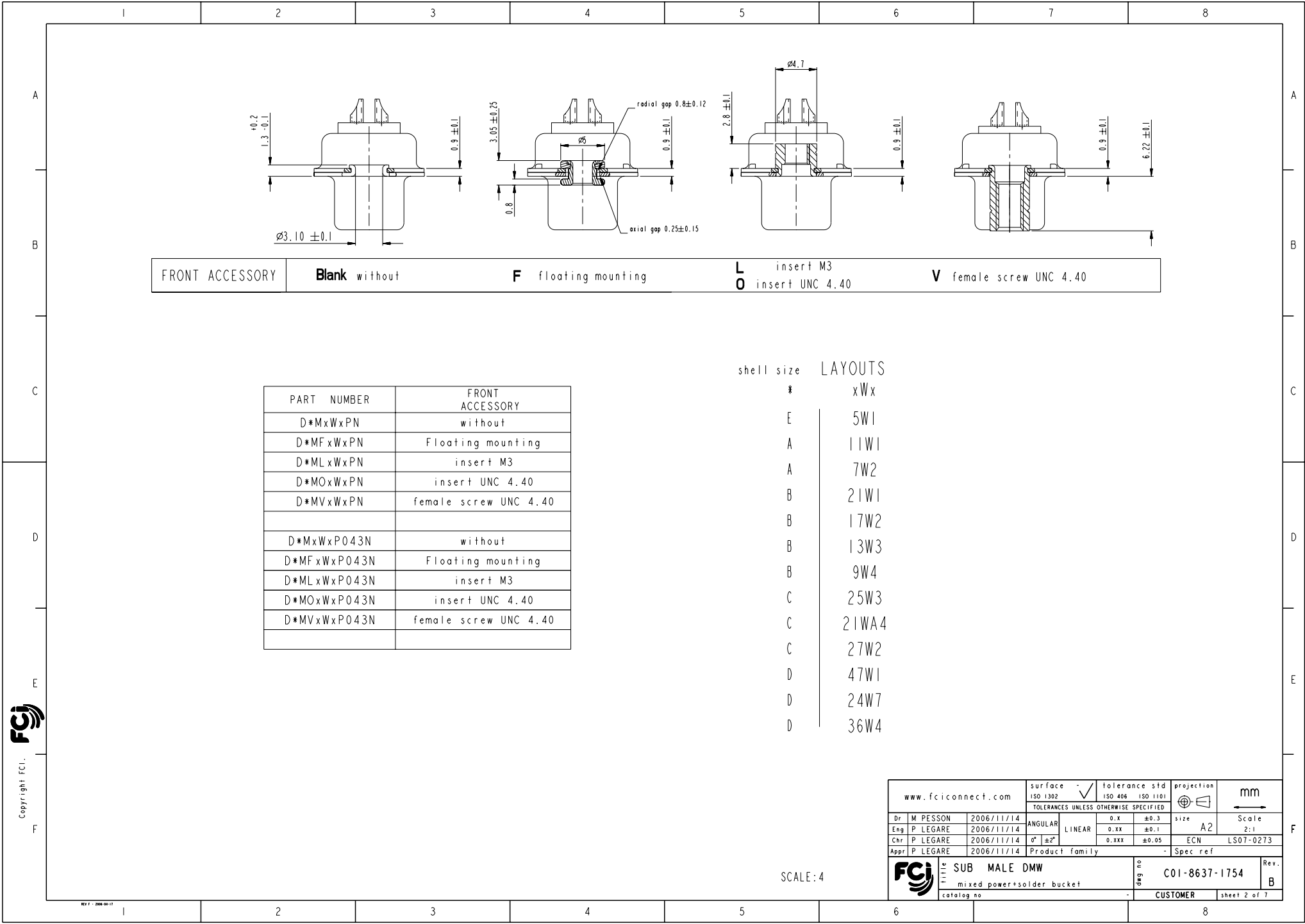
Copyright FCI.

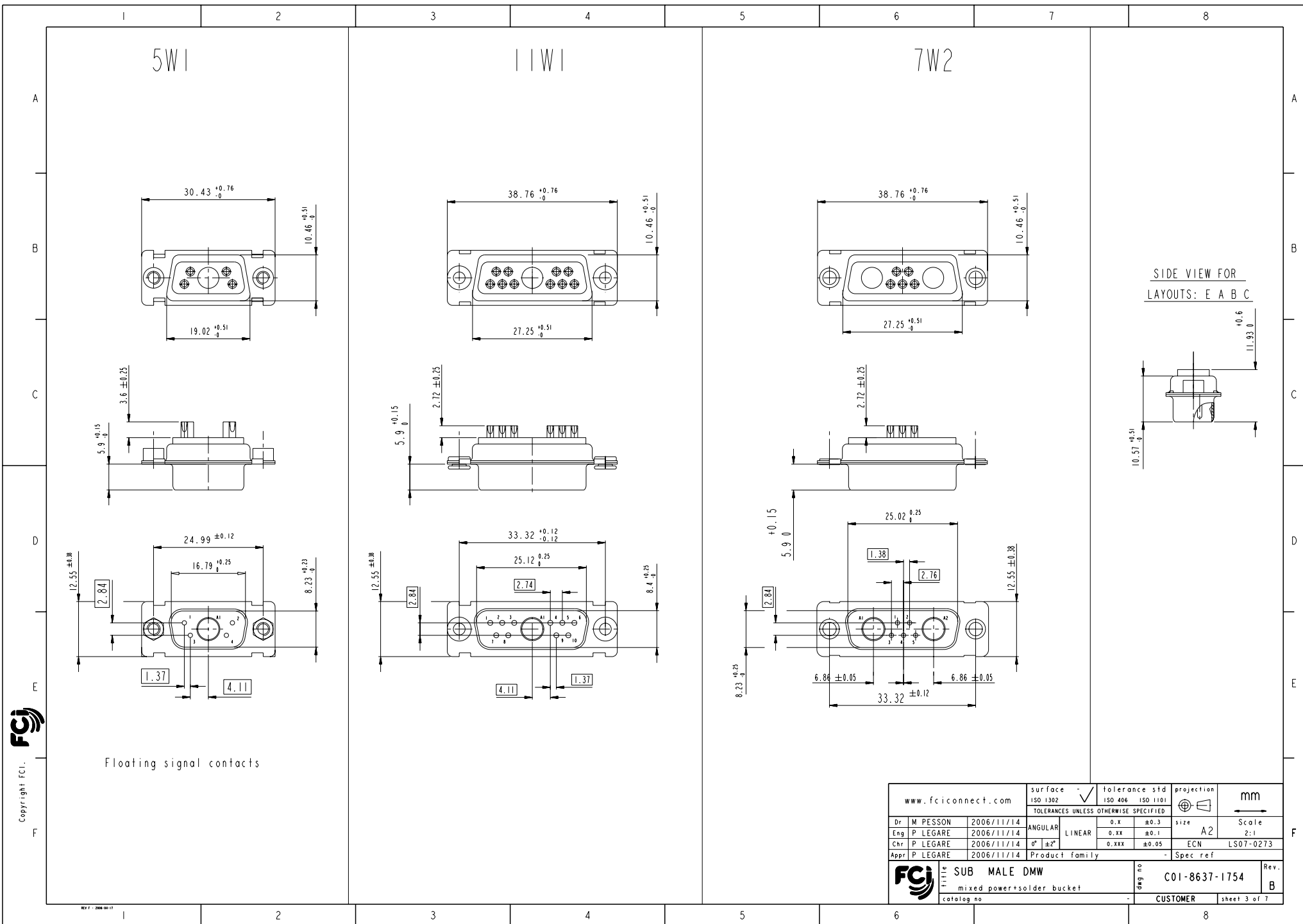
FCI

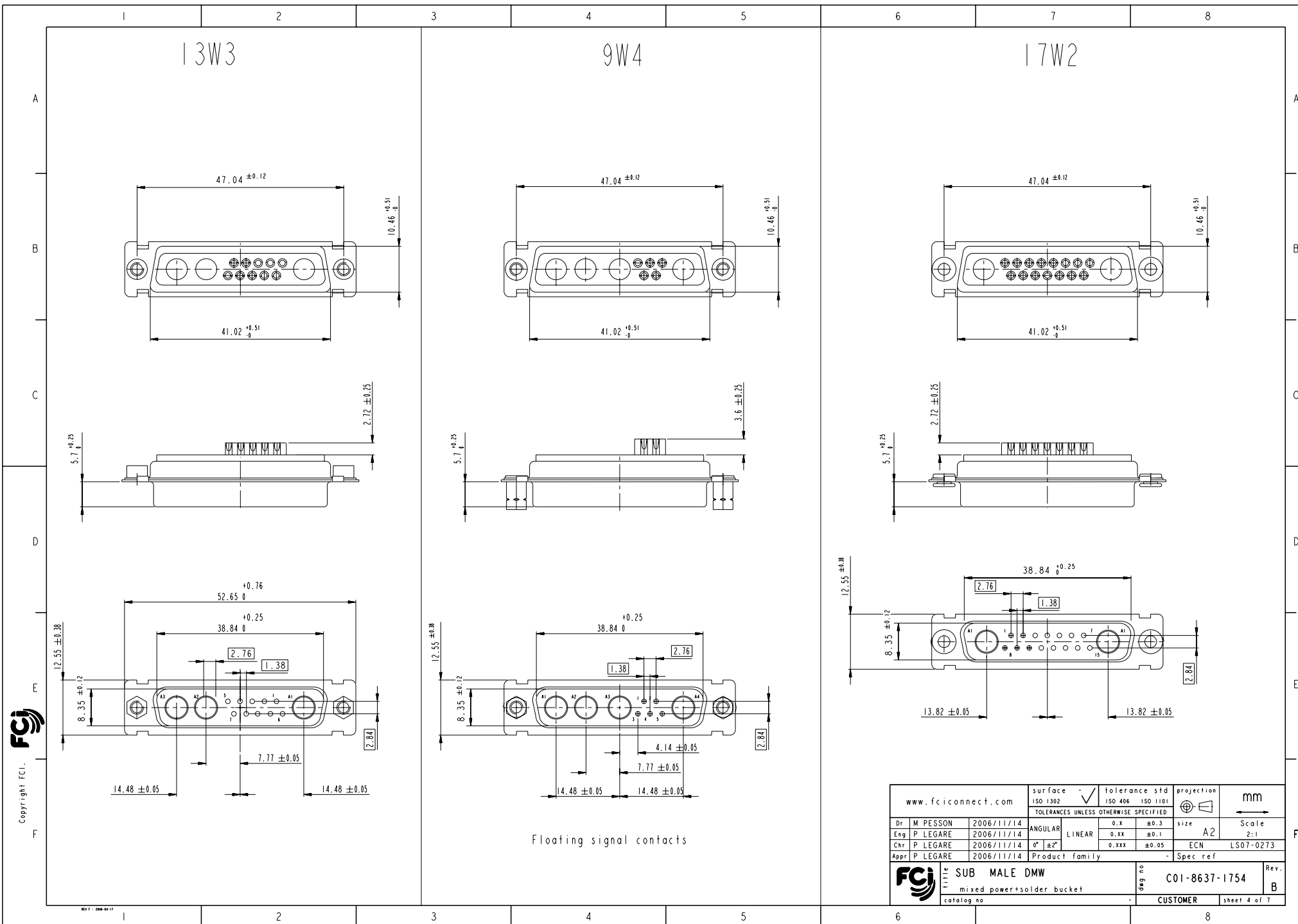
PDM:Rev:B

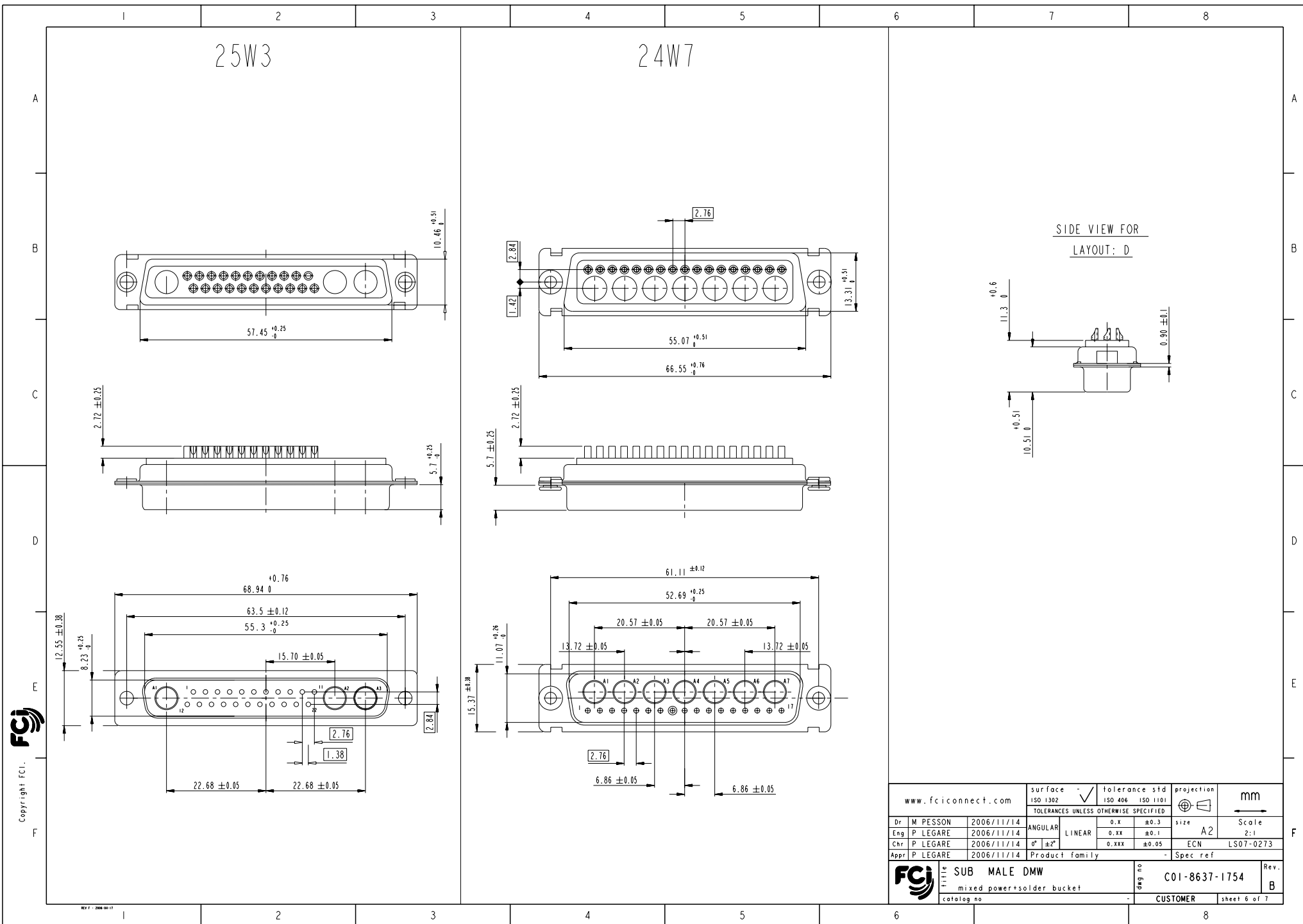
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www.fciconnect.com		surface ISO 1302	tolerance std ISO 406	projection ISO 1101	mm	
		TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	M PESSON	2006/11/14	ANGULAR	0.X	± 0.3	size A2
Eng	P LEGARE	2006/11/14	LINEAR	0.XX	± 0.1	Scale 2:1
Chr	P LEGARE	2006/11/14	0° $\pm 2^\circ$	0.XXX	± 0.05	ECN LS07-0273
Appr	P LEGARE	2006/11/14	Product family	- Spec ref		
FCi		SUB MALE DMW		C01-8637-1754		Rev. B
Title mixed power+solder bucket		catalog no		CUSTOMER		sheet 6 of 7

