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Series

DBML25P300

Shell size: E A B C D
see sheet 2

Front accessory definition
see sheet 2

Blank :without accessory

F :floating mounting

L :threaded insert M3

O :threaded insert UNC 4-40

V :female screw UNC 4-40

S :spacer

Contact number (see sheet 2)
9,15,25,37,50

Contacts
P :Pin

Termination type
3 :Straight version

Plating
00 : 500 matings/unmatings
43 : 500 matings/unmatings for harsh environment

REFERENCE SPECIFICATIONS

-NFC 93425 (in compliance with HE 501)

PHYSICAL CHARACTERISTICS

-INSULATOR MATERIAL: THERMOPLASTIC UL94V0

-CONTACT MATERIAL: BRASS
GOLD OVER NICKEL

-ACCESSORIES: BRASS,cadmium plated yellow passivation

-SHELLS: STEEL,cadmium plated yellow passivation

ELECTRICAL CHARACTERISTICS

-NOMINAL CURRENT: 7.5A

-CONTACT RESISTANCE: <= 7.3 m ohms

-CONTACT/CONTACT : >=1000 V

-CONTACT/GROUND : >=1200 V

-INSULATION RESISTANCE: >=5000 MOhms

ENVIRONMENTAL CHARACTERISTICS

- CLIMATIC CATEGORY: 55/125/56

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

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25 WAY for Example

rev	ecn no	dr	date	Dr	M PESSON	2006/11/14	surface	-	tolerance std	projection	mm
A	LS06-0174	MPE	2006/11/14	Eng	P LEGARE	2006/11/14	ANGULAR	✓	ISO 1302	ISO 406	ISO 1101
B	LS07-0273	MPE	2007/10/30	Chr	P LEGARE	2006/11/14	0° ±2°	LINEAR	0.XX	±0.1	size A2
-	-	-	-	Appr	P LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05	ECN LS07-0273	Scale 2:1
-	-	-	-	-	-	-	-	-	-	-	-
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FCi	SUB MALE DM HE501 series	deg no	C01-8637-1738	Rev.	B
title	with straight solder contact	-	-	-	-
catalog no	-	CUSTOMER	sheet 1 of 4	-	-

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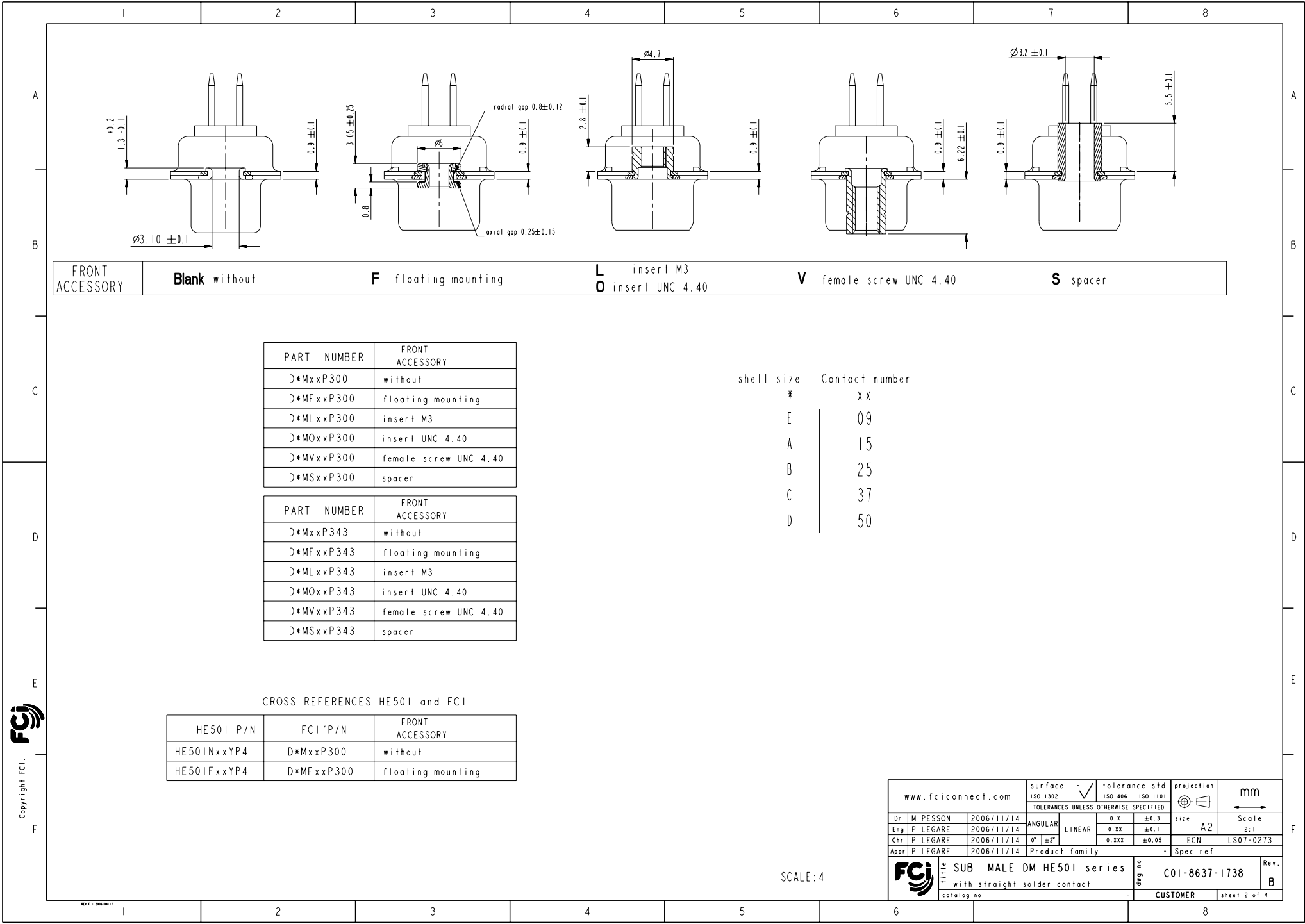
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PDM:Rev:B

STATUS:Released

Printed: May 25, 2022



FRONT ACCESSORY	Blank without	F floating mounting	L insert M3 O insert UNC 4.40	V female screw UNC 4.40	S spacer
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PART NUMBER	FRONT ACCESSORY
D*MxxP300	without
D*MFxxP300	floating mounting
D*MLxxP300	insert M3
D*MOxxP300	insert UNC 4.40
D*MVxxP300	female screw UNC 4.40
D*MSxxP300	spacer

PART NUMBER	FRONT ACCESSORY
D*MxxP343	without
D*MFxxP343	floating mounting
D*MLxxP343	insert M3
D*MOxxP343	insert UNC 4.40
D*MVxxP343	female screw UNC 4.40
D*MSxxP343	spacer

shell size	Contact number
X	XX
E	09
A	15
B	25
C	37
D	50

CROSS REFERENCES HE501 and FC1

HE501 P/N	FC1 P/N	FRONT ACCESSORY
HE501NxxYP4	D*MxxP300	without
HE501FxxYP4	D*MFxxP300	floating mounting

SCALE: 4

www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection size A2	mm Scale 2:1
		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	ECN LS07-0273
Appr	P LEGARE	2006/11/14	Product family	Spec ref	
FCi		SUB MALE DM HE501 series with straight solder contact		Rev. B	
catalog no		CUSTOMER		sheet 2 of 4	

