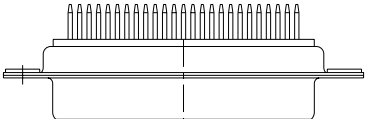
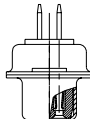
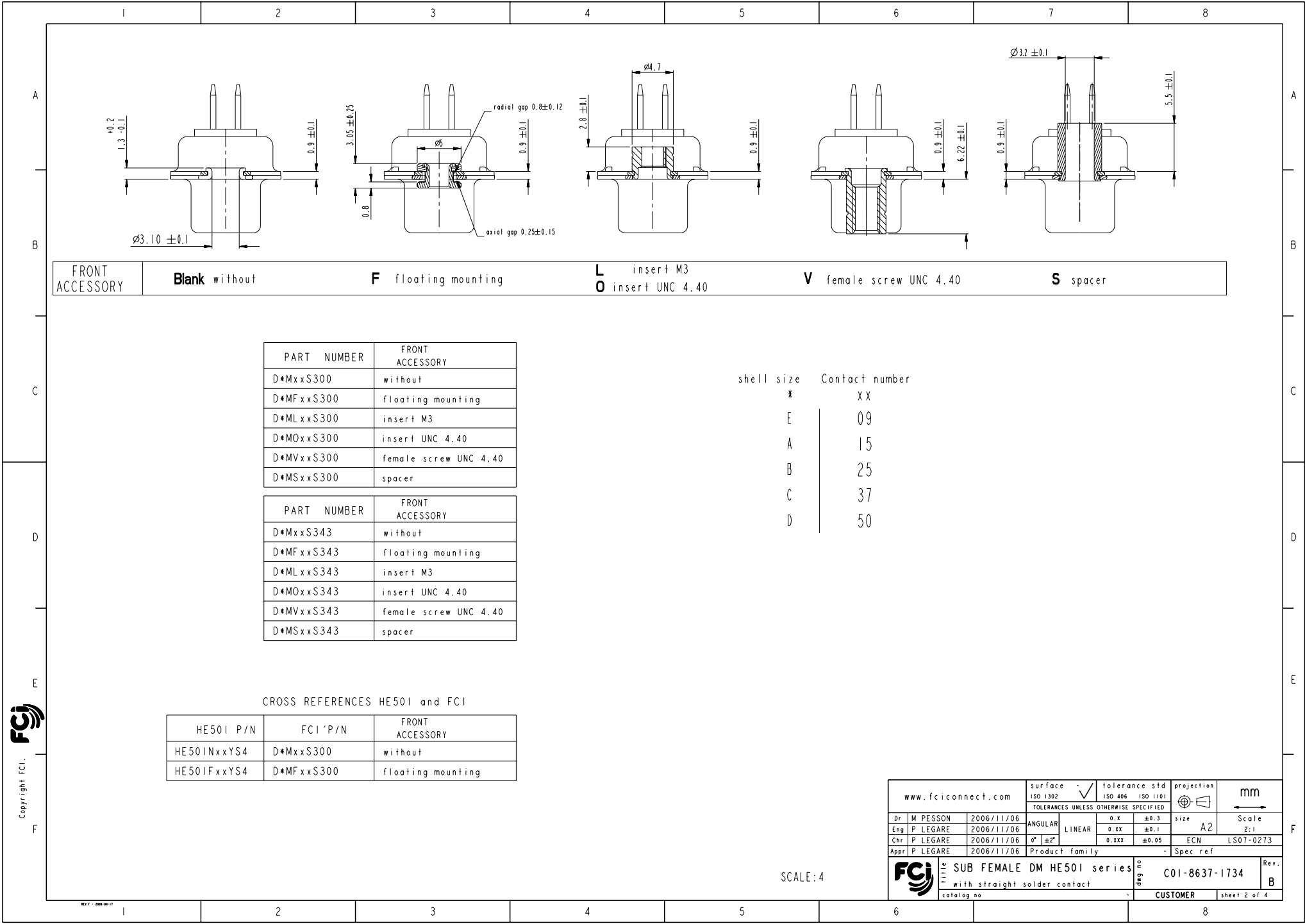


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A	<u>REFERENCE SPECIFICATIONS</u> -NFC 93425 (in compliance with HE 501)			Series ← DBML25S300					A																																																																																																																																																
B	<u>PHYSICAL CHARACTERISTICS</u> -INSULATOR MATERIAL: THERMOPLASTIC UL94V0 -CONTACT MATERIAL: PHOSPHOR BRONZE GOLD OVER NICKEL			Shell size: E A B C D ← see sheet 2 Front accessory definition ← see sheet 2					B																																																																																																																																																
C	<u>ELECTRICAL CHARACTERISTICS</u> -ACCESSORIES: BRASS ,cadmium plated yellow passivation -SHELLS: STEEL ,cadmium plated yellow passivation -NOMINAL CURRENT: 7.5A -CONTACT RESISTANCE: <= 7.3 m ohms -CONTACT/CONTACT : >=1000 V -CONTACT/GROUND : >=1200 V -INSULATION RESISTANCE: >=5000 MOhms			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 ← S :Socket Termination type ← 3 :Straight version Plating ← 00 : 500 matings/unmatings 43 : 500 matings/unmatings for harsh environment					C																																																																																																																																																
D	<u>ENVIRONMENTAL CHARACTERISTICS</u> - CLIMATIC CATEGORY: 55/125/56 TEMPERATURE RANGE -55°C TO +125°C DAMP HEAT STEADY STATE 56 DAYS SALT SPRAY 48 HOURS								D																																																																																																																																																
E	<u>MECHANICAL CHARACTERISTICS</u> - RETENTION AGAINST TORQUE: - Threaded insert: 0.7 N.m minimum - Female screw : 0.5 N.m minimum			  25 WAY for Example					E																																																																																																																																																
F				<table><tr><td colspan="4">www.fciconnect.com</td><td colspan="2">surface -</td><td colspan="2">tolerance std</td><td colspan="2">projection</td><td colspan="2">mm</td></tr><tr><td colspan="4"></td><td colspan="2">ISO 1302</td><td colspan="2">ISO 406 ISO 1101</td><td colspan="2">TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td colspan="2"></td></tr><tr><td colspan="4"></td><td colspan="2">ANGULAR</td><td colspan="2">LINEAR</td><td colspan="2">0.X ±0.3</td><td colspan="2">size A2 Scale 2:1</td></tr><tr><td colspan="4"></td><td colspan="2">0° ±2°</td><td colspan="2"></td><td colspan="2">0.XX ±0.1</td><td colspan="2">ECN LS07-0273</td></tr><tr><td colspan="4"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">0.XXX ±0.05</td><td colspan="2">Spec.ref</td></tr></table> <table><tr><td>rev</td><td>ecn no</td><td>dr</td><td>date</td><td>Dr</td><td>M PESSON</td><td>2006/11/06</td><td colspan="2">SUB FEMALE DM HE501 series</td><td>deg no</td><td>C01-8637-1734</td><td>Rev.</td></tr><tr><td>A</td><td>LS06-0174</td><td>MPE</td><td>2006/11/06</td><td>Eng</td><td>P LEGARE</td><td>2006/11/06</td><td colspan="2">with straight solder contact</td><td></td><td></td><td>B</td></tr><tr><td>B</td><td>LS07-0273</td><td>MPE</td><td>2007/10/30</td><td>Chr</td><td>P LEGARE</td><td>2006/11/06</td><td colspan="2"></td><td></td><td></td><td></td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td>Appr</td><td>P LEGARE</td><td>2006/11/06</td><td colspan="2"></td><td></td><td></td><td></td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td colspan="2">Product family</td><td colspan="2"></td><td colspan="2"></td><td></td><td></td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td colspan="2">FCI</td><td colspan="2"></td><td colspan="2"></td><td></td><td></td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td colspan="2">catalog no</td><td colspan="2"></td><td colspan="2"></td><td></td><td></td></tr></table>					www.fciconnect.com				surface -		tolerance std		projection		mm						ISO 1302		ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED								ANGULAR		LINEAR		0.X ±0.3		size A2 Scale 2:1						0° ±2°				0.XX ±0.1		ECN LS07-0273										0.XXX ±0.05		Spec.ref		rev	ecn no	dr	date	Dr	M PESSON	2006/11/06	SUB FEMALE DM HE501 series		deg no	C01-8637-1734	Rev.	A	LS06-0174	MPE	2006/11/06	Eng	P LEGARE	2006/11/06	with straight solder contact				B	B	LS07-0273	MPE	2007/10/30	Chr	P LEGARE	2006/11/06						-	-	-	-	Appr	P LEGARE	2006/11/06						-	-	-	-	Product family								-	-	-	-	FCI								-	-	-	-	catalog no								F
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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*MxxS300	without
D*MFxxS300	floating mounting
D*MLxxS300	insert M3
D*MOxxS300	insert UNC 4.40
D*MVxxS300	female screw UNC 4.40
D*MSxxS300	spacer

PART NUMBER	FRONT ACCESSORY
D*MxxS343	without
D*MFxxS343	floating mounting
D*MLxxS343	insert M3
D*MOxxS343	insert UNC 4.40
D*MVxxS343	female screw UNC 4.40
D*MSxxS343	spacer

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

CROSS REFERENCES HE501 and FC1

HE501 P/N	FC1 P/N	FRONT ACCESSORY
HE501NxxYS4	D*MxxS300	without
HE501FxxYS4	D*MFxxS300	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	2006/11/06	ANGULAR	0.X	±0.3
Eng	P LEGARE	2006/11/06	LINEAR	0.XX	±0.1
Chr	P LEGARE	2006/11/06	0° ±2°	0.XXX	±0.05
Appr	P LEGARE	2006/11/06	Product family	ECN LS07-0273	
				Spec ref	
FCI		SUB FEMALE DM HE501 series with straight solder contact		deg no C01-8637-1734	Rev. B
		catalog no	CUSTOMER		sheet 2 of 4

