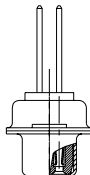
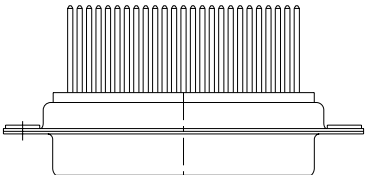


	1	2	3	4	5	6	7	8																																																																																																													
A	REFERENCE SPECIFICATIONS -NFC 93425 (in compliance with HE 501) PHYSICAL CHARACTERISTICS -INSULATOR MATERIAL: THERMOPLASTIC UL94V0 -CONTACT MATERIAL: PHOSPHOR BRONZE, GOLD OVER 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			Series DBML25S400 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 Contact number (see sheet 2) 9,15,25,37,50 Contacts S :Socket Termination type 4 3 level wire wrap contact Plating 00 : 500 matings/unmatings 43 : 500 matings/unmatings for harsh environment					A																																																																																																												
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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.XX ±0.1</td><td colspan="2"></td><td colspan="2">0.XXX ±0.05</td><td colspan="2">ECN LS07-0273</td></tr><tr><td colspan="4"></td><td colspan="2">0° ±2°</td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Spec.ref</td></tr><tr><td colspan="4"></td><td colspan="2">Product family</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="4"></td><td colspan="2">SUB FEMALE DM HE501 series</td><td colspan="2">deg no C01-8637-1735</td><td colspan="2">Rev. B</td><td colspan="2"></td></tr><tr><td colspan="4"></td><td colspan="2">with 3 level wire wrap contact</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="4"></td><td colspan="2">catalog no</td><td colspan="2"></td><td colspan="2">CUSTOMER</td><td colspan="2">sheet 1 of 4</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.XX ±0.1				0.XXX ±0.05		ECN LS07-0273						0° ±2°						Spec.ref						Product family												SUB FEMALE DM HE501 series		deg no C01-8637-1735		Rev. B								with 3 level wire wrap contact												catalog no				CUSTOMER		sheet 1 of 4		F
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1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

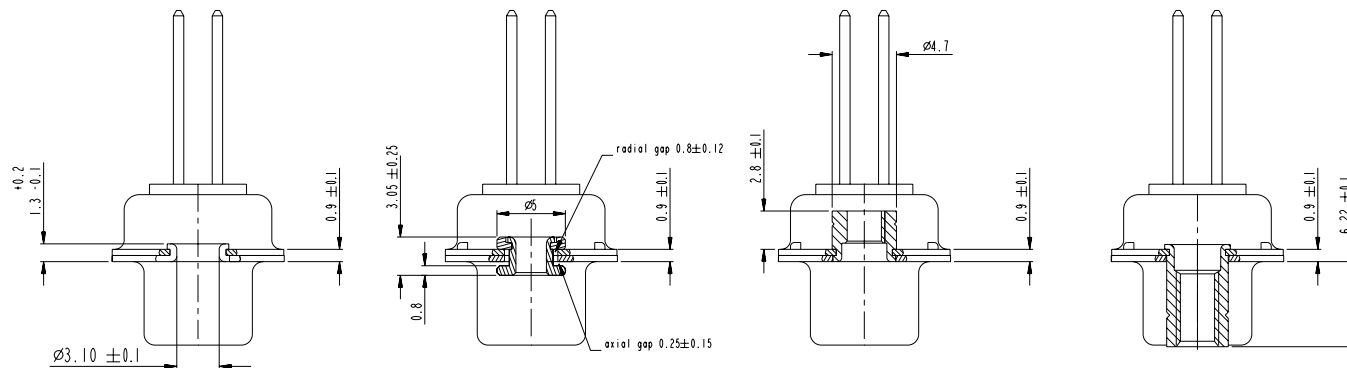
B

C

D

E

F



FRONT ACCESSORY	Blank without	F floating mounting	L insert M3 O insert UNC 4.40	V female screw UNC 4.40
-----------------	---------------	---------------------	----------------------------------	-------------------------

PART NUMBER	FRONT ACCESSORY
D*MxxS443	without
D*MFxxS443	floating mounting
D*MLxxS443	insert M3
D*MOxxS443	insert UNC 4.40
D*MVxxS443	female screw UNC 4.40

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

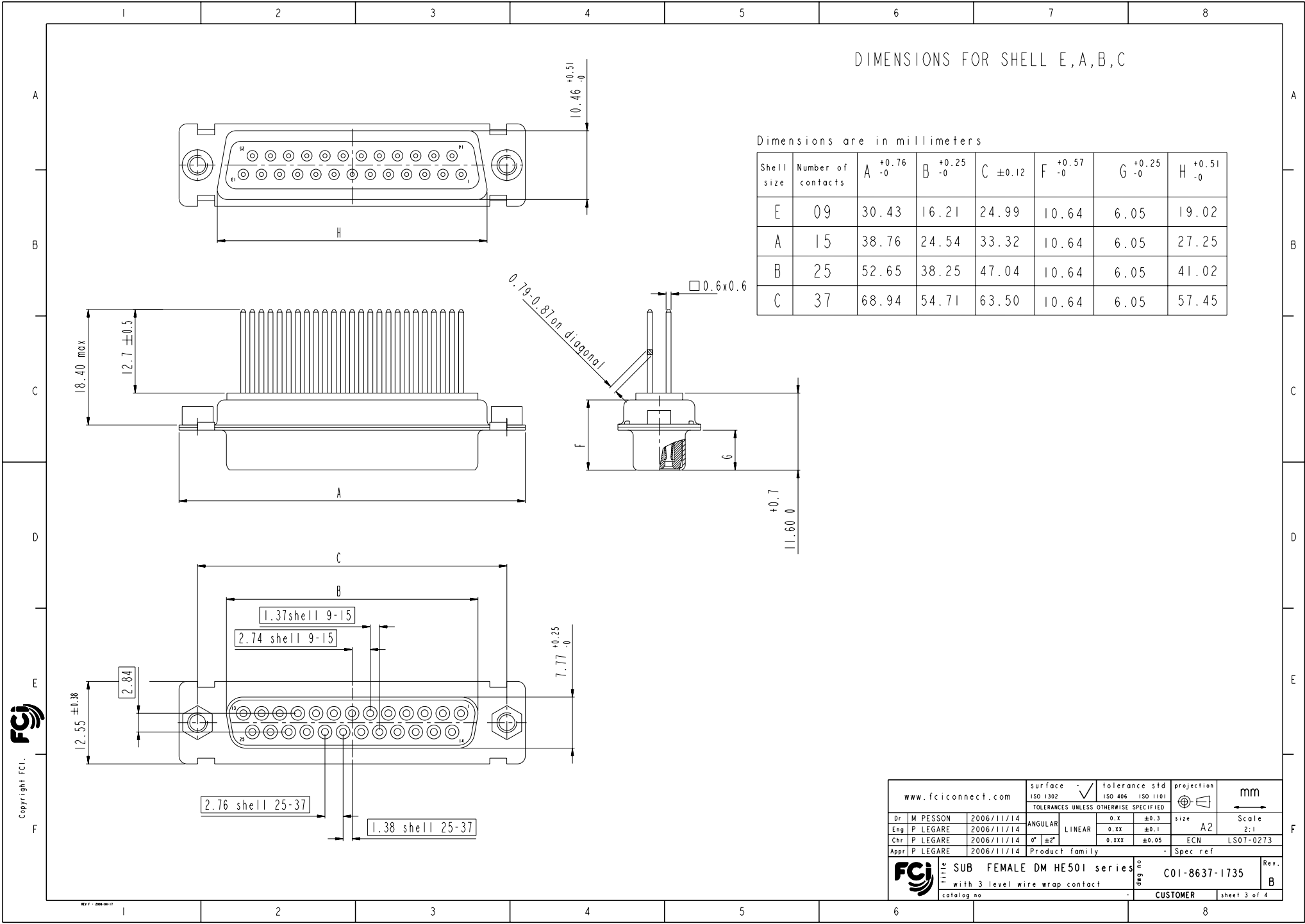
PART NUMBER	FRONT ACCESSORY
D*MxxS400	without
D*MFxxS400	floating mounting
D*MLxxS400	insert M3
D*MOxxS400	insert UNC 4.40
D*MVxxS400	female screw UNC 4.40

CROSS REFERENCES HE501 and FCI

HE501 P/N	FCI P/N	FRONT ACCESSORY
HE501NxxKS3	D*MxxS400	without
HE501FxxKS3	D*MFxxS400	floating mounting

SCALE: 4

www.fciconnect.com		surface -	tolerance std	projection	mm
		ISO 1302	ISO 406 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
FCI		SUB FEMALE DM HE501 series		deg no	C01-8637-1735
		with 3 level wire wrap contact		Rev.	B
		catalog no		CUSTOMER	sheet 2 of 4



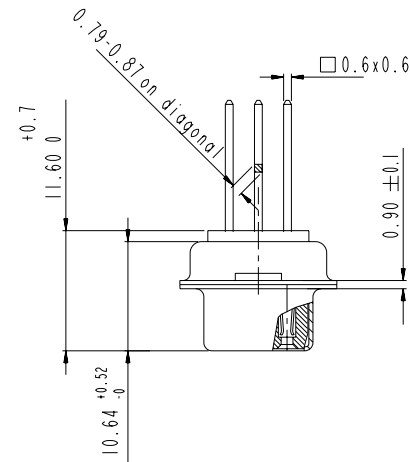
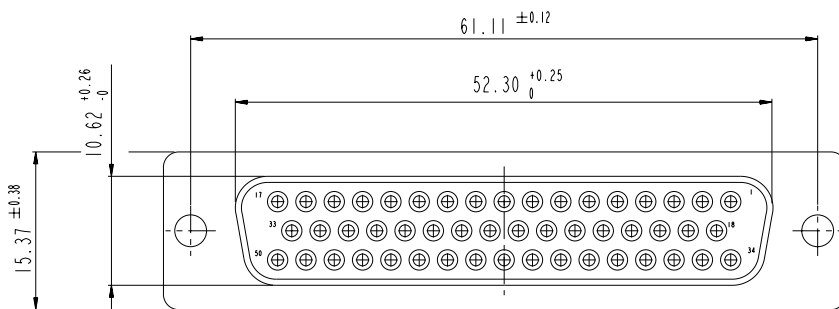
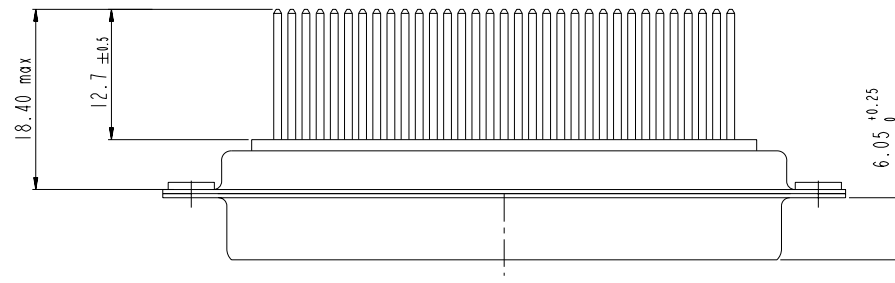
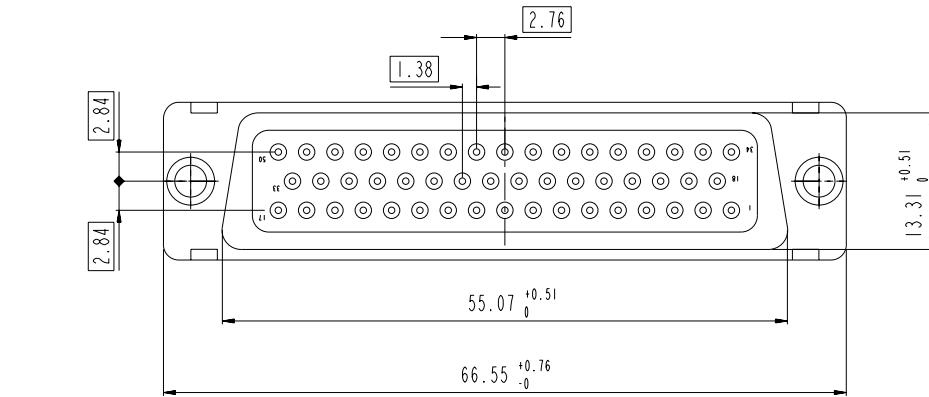
DIMENSIONS FOR SHELL E,A,B,C

Dimensions are in millimeters

Shell size	Number of contacts	A ^{+0.76 -0}	B ^{+0.25 -0}	C ^{±0.12}	F ^{+0.57 -0}	G ^{+0.25 -0}	H ^{+0.51 -0}
E	09	30.43	16.21	24.99	10.64	6.05	19.02
A	15	38.76	24.54	33.32	10.64	6.05	27.25
B	25	52.65	38.25	47.04	10.64	6.05	41.02
C	37	68.94	54.71	63.50	10.64	6.05	57.45

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° ±2°	0.XXX	±0.05	ECN LS07-0273
Appr	P LEGARE	2006/11/14	Product family	Spec ref		
SUB FEMALE DM HE501 series		with 3 level wire wrap contact		deg no	C01-8637-1735	Rev. B
catalog no				CUSTOMER		sheet 3 of 4

DIMENSIONS FOR SHELL SIZE D (50 CONTACTS)



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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	LINEAR	0.X	± 0.3	size	A2
Eng	P LEGARE	2006/11/14			0.XX	± 0.1	Scale	2:1
Chr	P LEGARE	2006/11/14	0° $\pm 2°$		0.XXX	± 0.05	ECN	LS07-0273
Appr	P LEGARE	2006/11/14	Product family		-		Spec ref	
FCI		SUB FEMALE DM HE501 series		C01-8637-1735		Rev.		B
Title		with 3 level wire wrap contact		C01-8637-1735		Rev.		B
Catalog no		-		CUSTOMER		sheet 4 of 4		

Mouser Electronics

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