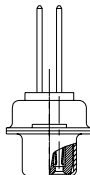
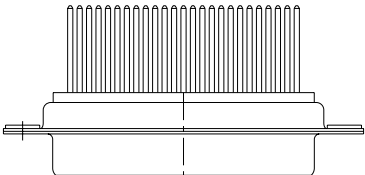


	I	2	3	4	5	6	7	8																																																																																	
A	REFERENCE SPECIFICATIONS -NFC 93425 (in compliance with HE 501) PHYSICAL CHARACTERISTICS -INSULATOR MATERIAL: THERMOPLASTIC UL94V0 -CONTACT MATERIAL: PHOSPHOR BRONZE, GOLD OVER NICKEL ACCESSORIES: BRASS,cadmium 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																																																																																
B									B																																																																																
C									C																																																																																
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E				 25 WAY for Example <table><tr><td colspan="2">www.fciconnect.com</td><td>surface</td><td>-</td><td>tolerance std</td><td>projection</td><td colspan="2">mm</td></tr><tr><td colspan="2"></td><td>ISO 1302</td><td>✓</td><td>ISO 406 ISO 1101</td><td>⊕</td><td colspan="2"></td></tr><tr><td colspan="2"></td><td colspan="4">TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td colspan="2"></td></tr><tr><td>Dr</td><td>M PESSON</td><td>2006/11/14</td><td>ANGULAR</td><td>0.X</td><td>±0.3</td><td>size</td><td>A2</td></tr><tr><td>Eng</td><td>P LEGARE</td><td>2006/11/14</td><td>LINEAR</td><td>0.XX</td><td>±0.1</td><td>Scale</td><td>2:1</td></tr><tr><td>Chr</td><td>P LEGARE</td><td>2006/11/14</td><td>0° ±2°</td><td>0.XXX</td><td>±0.05</td><td>ECN</td><td>LS07-0273</td></tr><tr><td>Appr</td><td>P LEGARE</td><td>2006/11/14</td><td>Product family</td><td colspan="4">- Spec.ref</td></tr><tr><td colspan="2">FCI</td><td colspan="2">SUB FEMALE DM HE501 series</td><td colspan="2">deg no</td><td colspan="2">C01-8637-1735</td></tr><tr><td colspan="2"></td><td colspan="2">with 3 level wire wrap contact</td><td colspan="2">Rev.</td><td colspan="2">B</td></tr><tr><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						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				FCI		SUB FEMALE DM HE501 series		deg no		C01-8637-1735				with 3 level wire wrap contact		Rev.		B		catalog no				CUSTOMER		sheet 1 of 4		E
www.fciconnect.com		surface	-	tolerance std	projection	mm																																																																																			
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PDM:Rev:B STATUS:Released Printed: Jun 18, 2015

1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

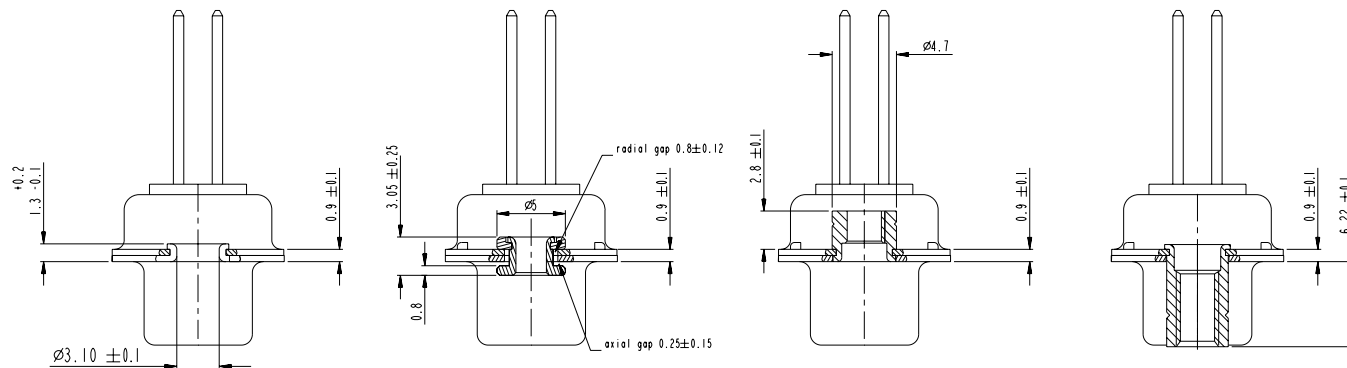
B

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
X	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

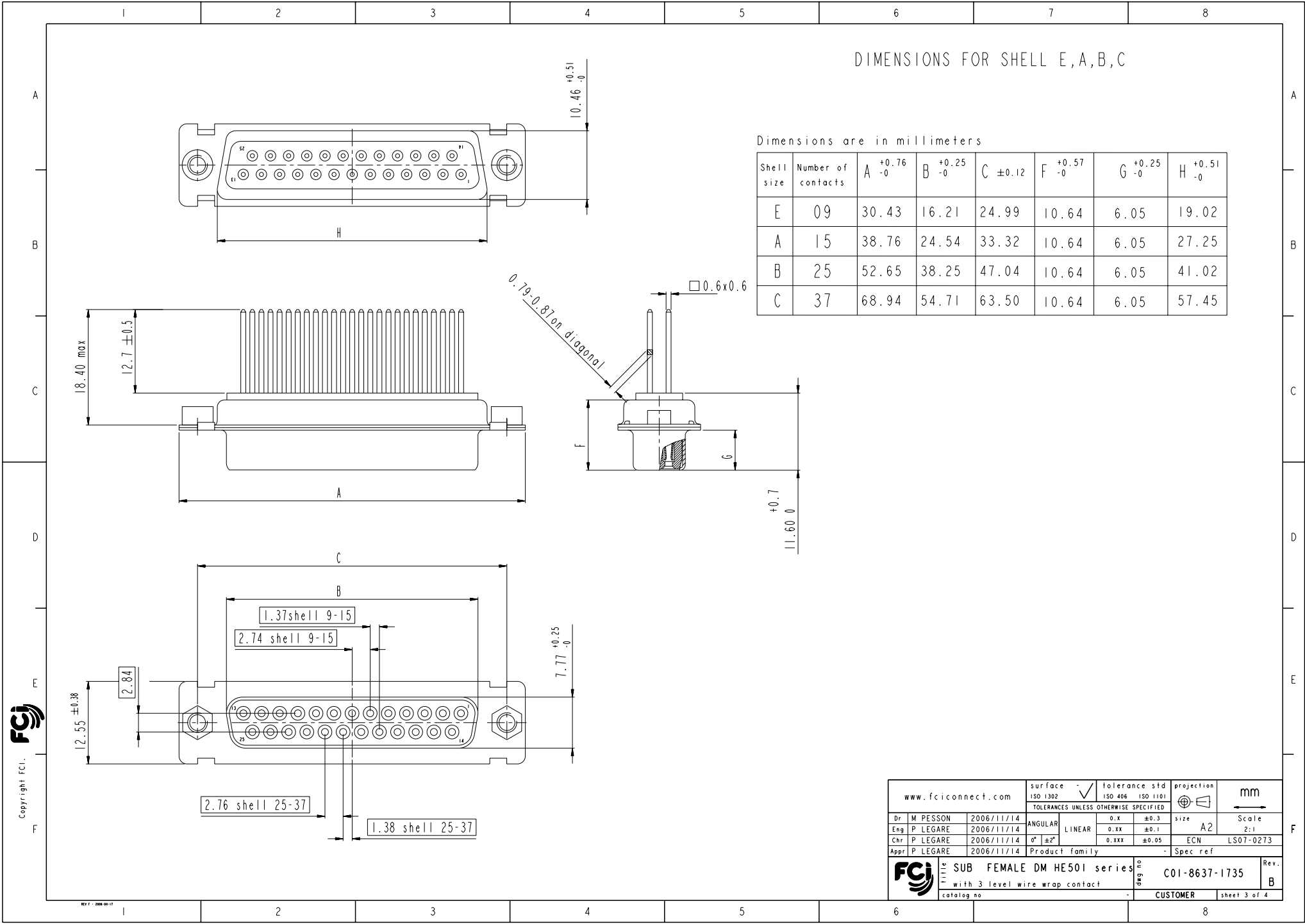
www.fciconnect.com		surface -	tolerance std	projection	mm
		ISO 1302	ISO 406 ISO 1101		
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	M PESSON	2006/11/14	ANGULAR	0.X ±0.3	size A2 Scale 2:1
Eng	P LEGARE	2006/11/14	LINEAR	0.XX ±0.1	
Chr	P LEGARE	2006/11/14	0° ±2°	0.XXX ±0.05	ECN LS07-0273
Appr	P LEGARE	2006/11/14	Product family	-	Spec ref
FCI		SUB FEMALE DM HE501 series		dag no	Rev.
		with 3 level wire wrap contact		C01-8637-1735	B
		catalog no	-	CUSTOMER	sheet 2 of 4



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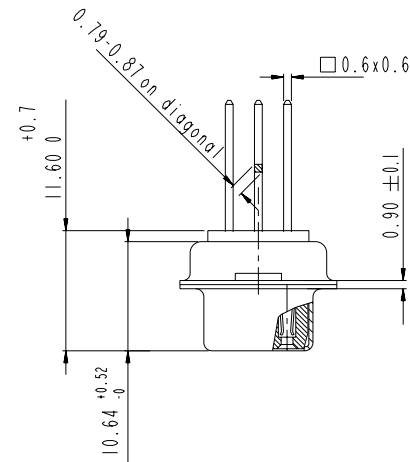
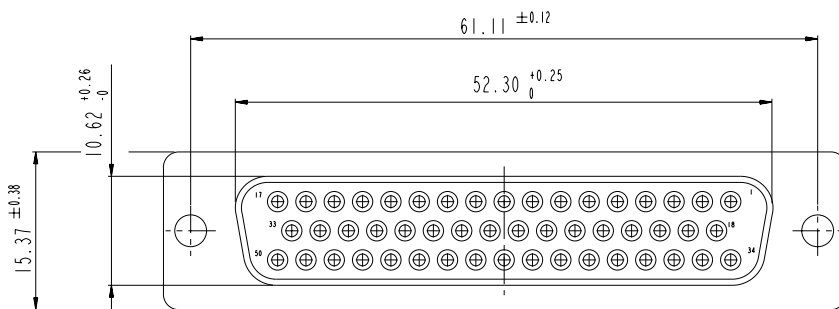
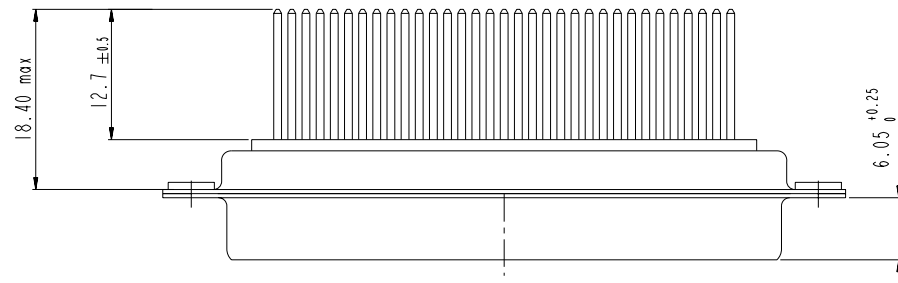
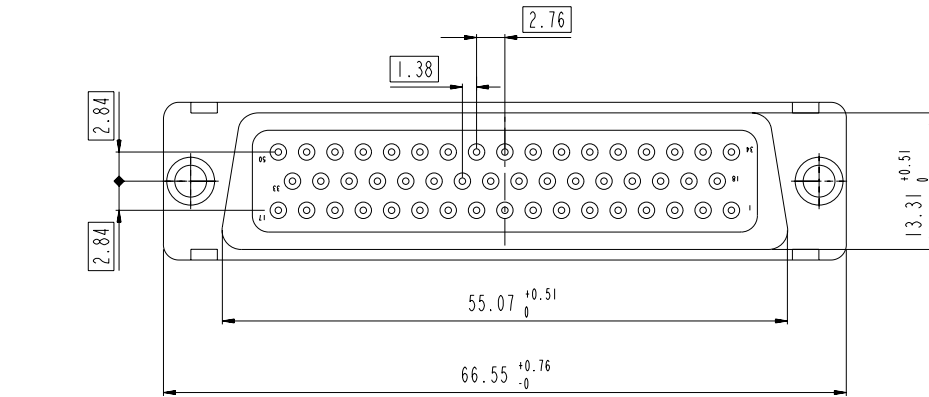
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www.fciconnect.com		surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED					size	Scale
Dr	M PESSON	2006/11/14	ANGULAR	LINEAR	0.X	± 0.3	A2	2:1
Eng	P LEGARE	2006/11/14	0° $\pm 2^\circ$		0.XX	± 0.1	ECN	LS07-0273
Chr	P LEGARE	2006/11/14			0.XXX	± 0.05	Spec ref	
Appr	P LEGARE	2006/11/14	Product family					
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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		TOLERANCES UNLESS OTHERWISE SPECIFIED		size	Scale
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° $\pm 2^\circ$	0.XXX	± 0.05
Appr	P LEGARE	2006/11/14	Product family	-	Spec ref
FCI		SUB FEMALE DM HE501 series		dag no	C01-8637-1735
		with 3 level wire wrap contact		Rev.	B
		catalog no	-	CUSTOMER	sheet 4 of 4