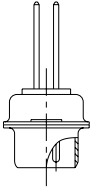
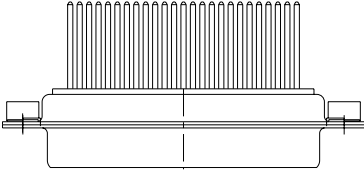


	1	2	3	4	5	6	7	8																																																																																																			
A	<div>REFERENCE SPECIFICATIONS</div> <div>-NFC 93425 (in compliance with HE 501)</div> <div>PHYSICAL CHARACTERISTICS</div> <div>-INSULATOR MATERIAL: THERMOPLASTIC UL94V0</div> <div>-CONTACT MATERIAL: BRASS, GOLD OVER NICKEL</div> <div>ACCESSORIES: BRASS,cadmium plated yellow passivation</div> <div>SHELLS: STEEL,cadmium plated yellow passivation</div> <div>ELECTRICAL CHARACTERISTICS</div> <div>-NOMINAL CURRENT: 7.5A</div> <div>-CONTACT RESISTANCE: <= 7.3 m ohms</div> <div>-CONTACT/CONTACT : >=1000 V</div> <div>-CONTACT/GROUND : >=1200 V</div> <div>-INSULATION RESISTANCE: >=5000 MOhms</div> <div>ENVIRONMENTAL CHARACTERISTICS</div> <div>- CLIMATIC CATEGORY: 55/125/56</div> <div>TEMPERATURE RANGE -55°C TO +125°C</div> <div>DAMP HEAT STEADY STATE 56 DAYS</div> <div>SALT SPRAY 48 HOURS</div> <div>MECHANICAL CHARACTERISTICS</div> <div>- RETENTION AGAINST TORQUE: - Threaded insert: 0.7 N.m minimum</div> <div>- Female screw : 0.5 N.m minimum</div>			<div>Series</div> <div>DBML25P400</div> <div>Shell size: E A B C D see sheet 2</div> <div>Front accessory definition see sheet 2</div> <div>Blank :without accessory</div> <div>F :floating mounting</div> <div>L :threaded insert M3</div> <div>O :threaded insert UNC 4-40</div> <div>V :female screw UNC 4-40</div> <div>Contact number (see sheet 2) 9,15,25,37,50</div> <div>Contacts P :Pin</div> <div>Termination type 4 3 level wire wrap contact</div> <div>Plating 00 : 500 matings/unmatings</div> <div>43 : 500 matings/unmatings for harsh environment</div>					A																																																																																																		
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F				<div><table><tr><td>www.fciconnect.com</td><td>surface</td><td>-</td><td>tolerance std</td><td>projection</td><td>mm</td></tr><tr><td></td><td>ISO 1302</td><td>✓</td><td>ISO 406 ISO 1101</td><td>⊕</td><td></td></tr><tr><td></td><td colspan="3">TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td>size</td><td>Scale</td></tr><tr><td>rev</td><td>ecn no</td><td>dr</td><td>date</td><td>Dr M PESSON</td><td>2006/11/14</td></tr><tr><td>A</td><td>LS06-0174</td><td>MPE</td><td>2006/11/14</td><td>Eng P LEGARE</td><td>2006/11/14</td></tr><tr><td>B</td><td>LS07-0273</td><td>MPE</td><td>2007/10/30</td><td>Chr P LEGARE</td><td>2006/11/14</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td>Appr P LEGARE</td><td>2006/11/14</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td colspan="2">Product family</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td colspan="2">SUB MALE DM HE501 series</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td colspan="2">with 3 level wire wrap contact</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td>catag no</td><td>CUSTOMER</td></tr></table><table><tr><td>angular</td><td>linear</td><td>0.X</td><td>±0.3</td><td>size</td><td>A2</td><td>Scale</td><td>2:1</td></tr><tr><td>0° ±2°</td><td>0.XX</td><td>±0.1</td><td>ECN</td><td>LS07-0273</td><td colspan="2"></td><td></td></tr><tr><td colspan="4"></td><td colspan="2">Spec.ref</td><td colspan="2"></td></tr><tr><td colspan="4"></td><td colspan="2">C01-8637-1739</td><td colspan="2">Rev. B</td></tr></table></div>					www.fciconnect.com	surface	-	tolerance std	projection	mm		ISO 1302	✓	ISO 406 ISO 1101	⊕			TOLERANCES UNLESS OTHERWISE SPECIFIED			size	Scale	rev	ecn no	dr	date	Dr M PESSON	2006/11/14	A	LS06-0174	MPE	2006/11/14	Eng P LEGARE	2006/11/14	B	LS07-0273	MPE	2007/10/30	Chr P LEGARE	2006/11/14	-	-	-	-	Appr P LEGARE	2006/11/14	-	-	-	-	Product family		-	-	-	-	SUB MALE DM HE501 series		-	-	-	-	with 3 level wire wrap contact		-	-	-	-	catag no	CUSTOMER	angular	linear	0.X	±0.3	size	A2	Scale	2:1	0° ±2°	0.XX	±0.1	ECN	LS07-0273								Spec.ref								C01-8637-1739		Rev. B		F
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1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

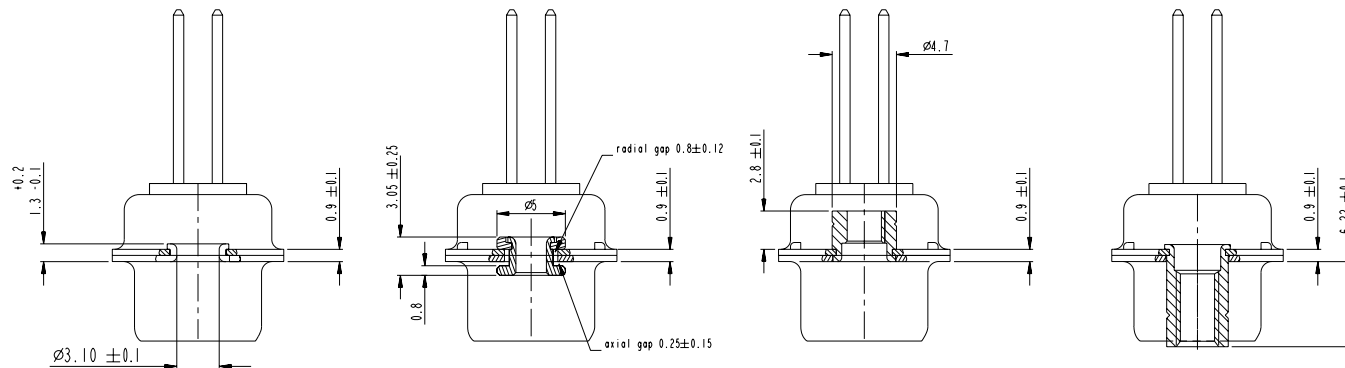
B

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*MxxP443	without
D*MFxxP443	floating mounting
D*MLxxP443	insert M3
D*MOxxP443	insert UNC 4.40
D*MVxxP443	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*MxxP400	without
D*MFxxP400	floating mounting
D*MLxxP400	insert M3
D*MOxxP400	insert UNC 4.40
D*MVxxP400	female screw UNC 4.40

CROSS REFERENCES HE501 and FCI

HE501 P/N	FCI P/N	FRONT ACCESSORY
HE501NxxKP3	D*MxxP400	without
HE501FxxKP3	D*MFxxP400	floating mounting

SCALE: 4

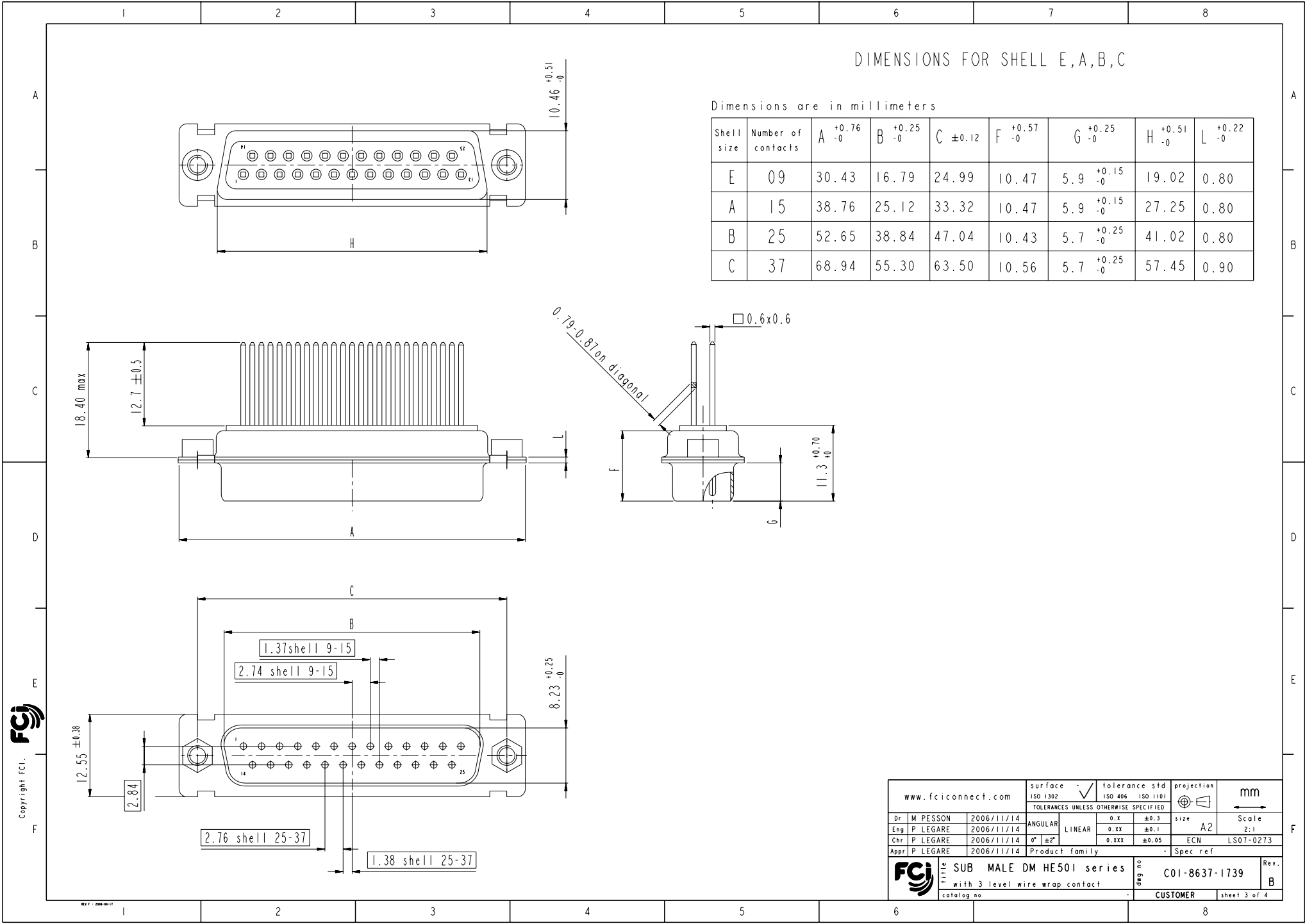
www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection size A2	mm Scale 2:1
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	M PESSON	2006/11/14	ANGULAR	0.X	± 0.3
Eng	P LEGARE	2006/11/14	LINEAR	0.XX	± 0.1
Chr	P LEGARE	2006/11/14	$0^\circ \pm 2^\circ$	0.XXX	± 0.05
Appr	P LEGARE	2006/11/14	Product family	ECN LS07-0273	
				Spec ref	
FCI		SUB MALE DM HE501 series		dag no	C01-8637-1739
		with 3 level wire wrap contact		Rev.	B
		catalog no		CUSTOMER	
				sheet 2 of 4	



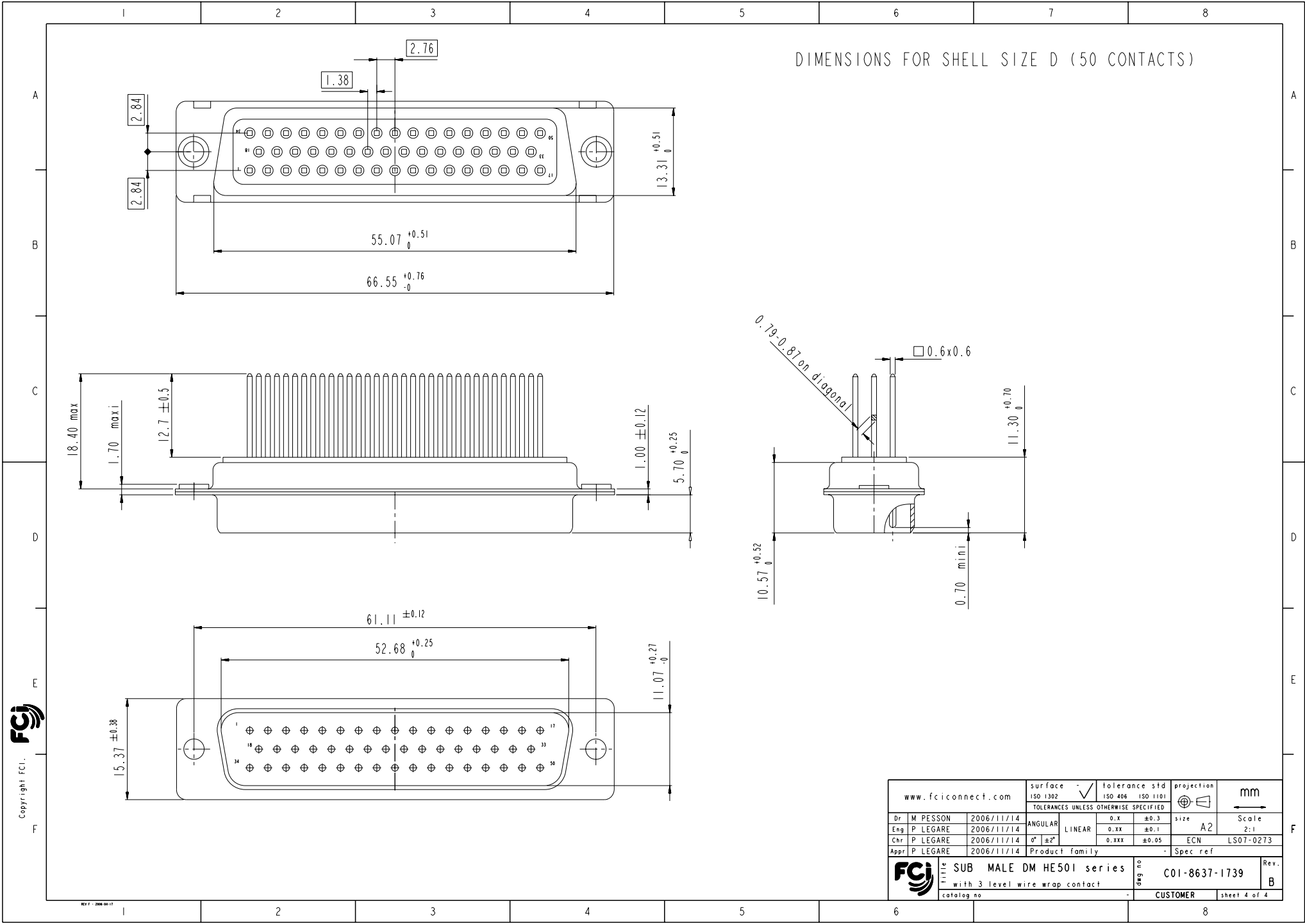
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REV 7 - 2006-04-17

1 2 3 4 5 6 7 8



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	0.X	± 0.3	size	A2	Scale
Eng	P LEGARE	2006/11/14	LINEAR	0.XX	± 0.1	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 MALE DM HE501 series		C01-8637-1739		Rev.		B
Title		with 3 level wire wrap contact		Customer		Sheet 3 of 4		
Catalog no								



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[FCI / Amphenol:](#)

[DBML25P400](#) [DBM25P400](#) [DBMO25P400](#) [DDMO50P400](#) [DBMF25P400](#)