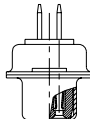
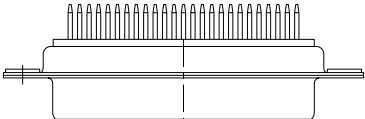
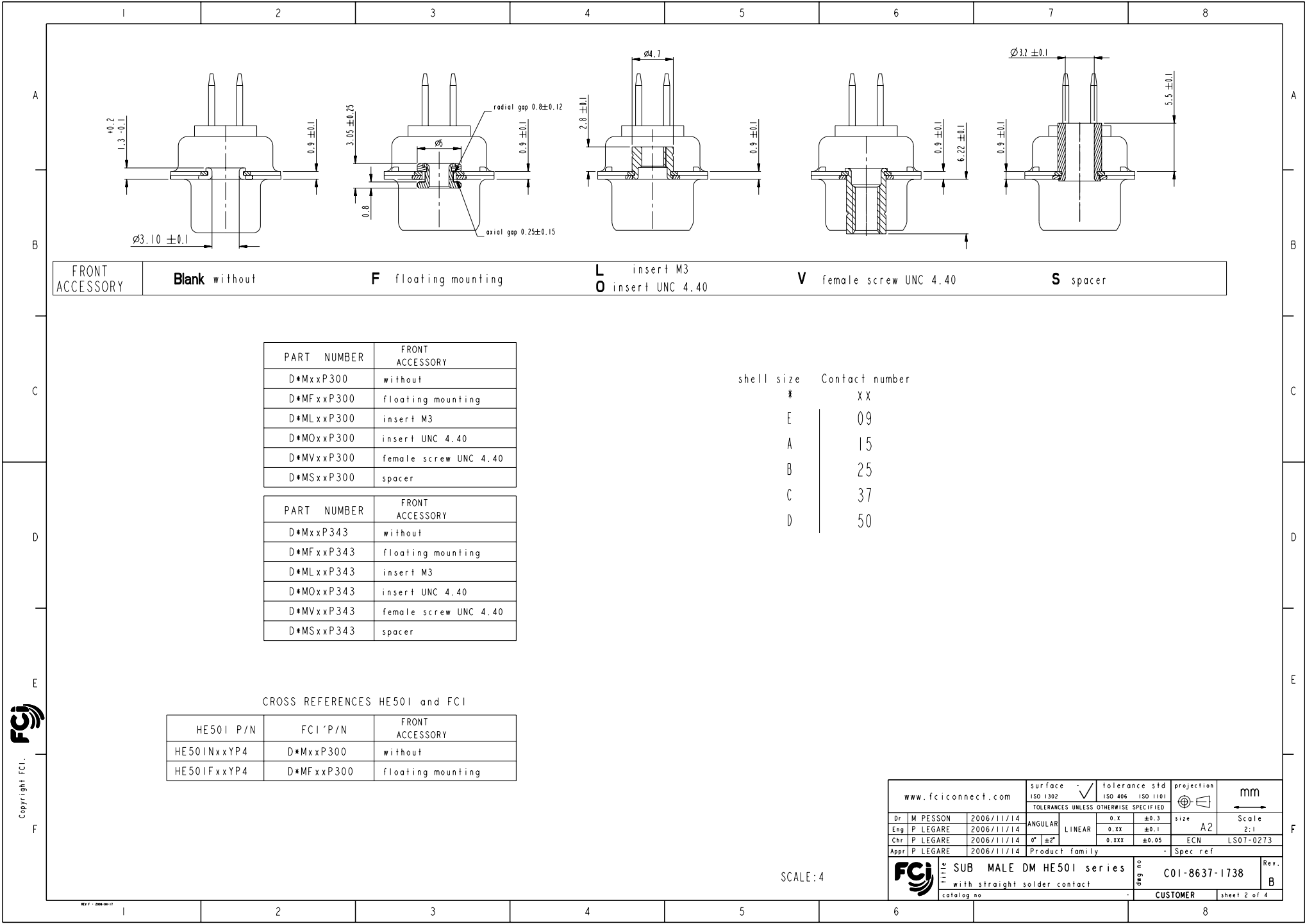


	I	2	3	4	5	6	7	8																																																																																																																									
A	REFERENCE SPECIFICATIONS -NFC 93425 (in compliance with HE 501) PHYSICAL CHARACTERISTICS -INSULATOR MATERIAL: THERMOPLASTIC UL94V0 -CONTACT MATERIAL: BRASS GOLD OVER 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			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					A																																																																																																																								
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E				 25 WAY for Example <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">⊕</td><td colspan="2">↔</td></tr><tr><td colspan="4"></td><td colspan="2">TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td colspan="2"></td><td colspan="2">size</td><td colspan="2">Scale</td></tr><tr><td colspan="4">Dr M PESSON 2006/11/14</td><td colspan="2">ANGULAR</td><td colspan="2">0.X ±0.3</td><td colspan="2">A2</td><td colspan="2">2:1</td></tr><tr><td colspan="4">Eng P LEGARE 2006/11/14</td><td colspan="2">LINEAR</td><td colspan="2">0.XX ±0.1</td><td colspan="2">ECN</td><td colspan="2">LS07-0273</td></tr><tr><td colspan="4">Chr P LEGARE 2006/11/14</td><td colspan="2">0° ±2°</td><td colspan="2">0.XXX ±0.05</td><td colspan="2">Spec.ref</td><td colspan="2"></td></tr><tr><td colspan="4">Appr P LEGARE 2006/11/14</td><td colspan="2">Product family</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="4">FCI</td><td colspan="2">SUB MALE DM HE501 series</td><td colspan="2">deg no</td><td colspan="2">C01-8637-1738</td><td colspan="2">Rev.</td></tr><tr><td colspan="4"></td><td colspan="2">with straight solder contact</td><td colspan="2"></td><td colspan="2"></td><td colspan="2">B</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				size		Scale		Dr M PESSON 2006/11/14				ANGULAR		0.X ±0.3		A2		2:1		Eng P LEGARE 2006/11/14				LINEAR		0.XX ±0.1		ECN		LS07-0273		Chr P LEGARE 2006/11/14				0° ±2°		0.XXX ±0.05		Spec.ref				Appr P LEGARE 2006/11/14				Product family								FCI				SUB MALE DM HE501 series		deg no		C01-8637-1738		Rev.						with straight solder contact						B						catalog no				CUSTOMER		sheet 1 of 4		E
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REV 7 - 2006-04-17

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

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		deg no C01-8637-1738	Rev. B
		with straight solder contact		CUSTOMER	
		catalog no		sheet 2 of 4	

