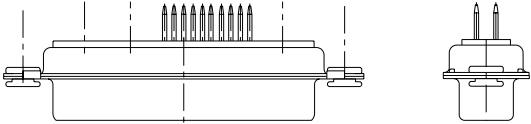
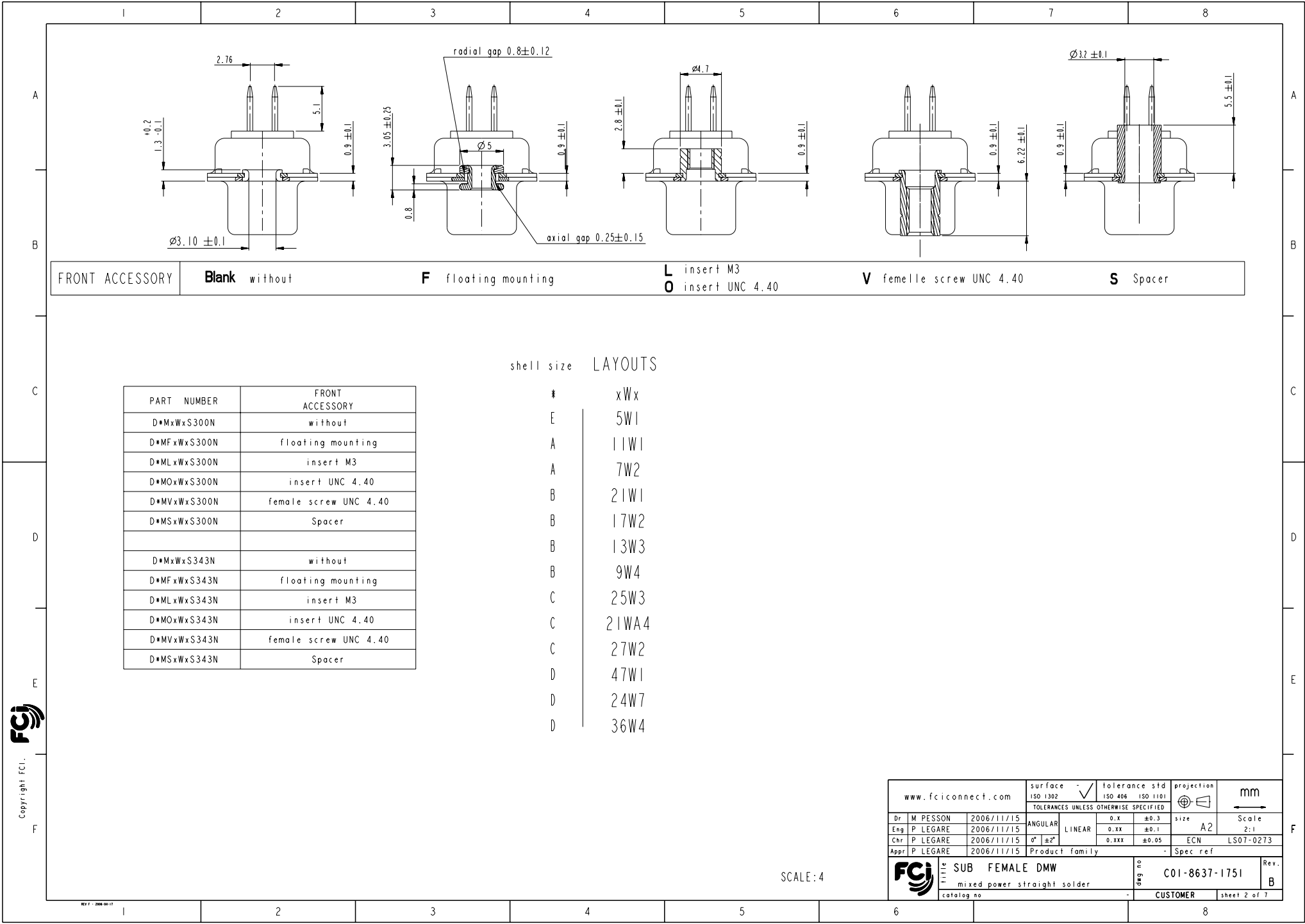


	I	2	3	4	5	6	7	8																																																																																																																									
A	<u>REFERENCE SPECIFICATIONS</u> -NFC 93425 (in compliance with HE 507)			Series ← DBML13W3S300N					A																																																																																																																								
B	<u>PHYSICAL CHARACTERISTICS</u> -INSULATOR MATERIAL: THERMOPLASTIC UL94V0 -CONTACT MATERIAL: PHOSPHOR BRONZE(SIGNAL CONTACT) GOLD OVER NICKEL -ACCESSORIES: STAINLESS STEEL or BRASS Cadmium plated, yellow passivation -SHELLS: STEEL Cadmium plated, yellow passivation			Shell size: E A B C D ← see sheet 3 M :characteristic for the DM series Front accessory definition see sheet 2 Blank :without accessory L :threaded insert M3 O :threaded insert UNC 4-40 V :female screw UNC 4-40 F :floating mounting S :spacer Layout of contacts (see sheet 3) ← Contacts ← S :Socket Termination type ← 3 Straight version Plating ← 00 straight solder 500 matings/unmatings 43 straight solder 500 matings/unmatings for harsh environment N :obligatory indication for HE 507 series ← <td>B</td>					B																																																																																																																								
C	<u>ELECTRICAL CHARACTERISTICS</u> -NOMINAL CURRENT: 7.5A (SIGNAL CONTACT) -CONTACT RESISTANCE: <=7.3 m Ohms SIGNAL -CONTACT/CONTACT : >=1000 V -CONTACT/GROUND : >=1200 V -INSULATION RESISTANCE: >=5000 MOhms - CLIMATIC CATEGORY: 55/125/21 TEMPERATURE RANGE -55°C TO +125°C DAMP HEAT STEADY STATE 56 DAYS SALT SPRAY 48 HOURS								C																																																																																																																								
D									D																																																																																																																								
E				 I3W3 FOR EXAMPLE					E																																																																																																																								
F				<table><tr><td colspan="4">www.fciconnect.com</td><td colspan="2">surface - ISO 1302 ✓</td><td colspan="2">tolerance std ISO 406 ISO 1101</td><td colspan="2">projection mm</td></tr><tr><td colspan="4"></td><td colspan="2">TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="4"></td><td colspan="2">ANGULAR</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">LINEAR</td><td colspan="2">0.XX ±0.1</td><td colspan="2"></td></tr><tr><td colspan="4"></td><td colspan="2">0° ±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">Product family</td><td colspan="2"></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>2006/11/15</td><td colspan="2">SUB FEMALE DMW</td><td>deg no</td><td>C01-8637-1751</td><td>Rev.</td></tr><tr><td>A</td><td>LS06-0174</td><td>MPE</td><td>2006/11/15</td><td>Eng</td><td>P LEGARE</td><td>2006/11/15</td><td colspan="2">mixed power straight solder</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>2006/11/15</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>2006/11/15</td><td colspan="2"></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td colspan="2">FCI</td><td colspan="2">catalog no</td><td></td><td>CUSTOMER</td><td>sheet 1 of 7</td><td></td></tr></table>					www.fciconnect.com				surface - ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection mm						TOLERANCES UNLESS OTHERWISE SPECIFIED										ANGULAR		0.X ±0.3		size A2 Scale 2:1						LINEAR		0.XX ±0.1								0° ±2°		0.XXX ±0.05		ECN LS07-0273						Product family				- Spec ref		rev	ecn no	dr	date	Dr	M PESSON	2006/11/15	SUB FEMALE DMW		deg no	C01-8637-1751	Rev.	A	LS06-0174	MPE	2006/11/15	Eng	P LEGARE	2006/11/15	mixed power straight solder				B	B	LS07-0273	MPE	2007/10/30	Chr	P LEGARE	2006/11/15										Appr	P LEGARE	2006/11/15										FCI		catalog no			CUSTOMER	sheet 1 of 7		F
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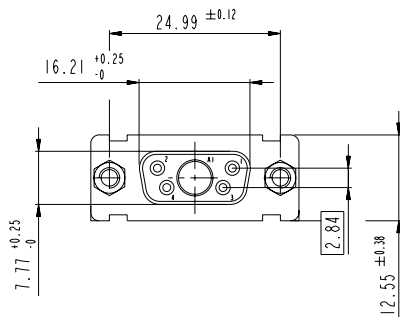
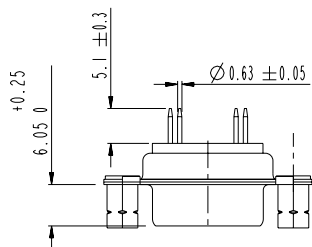
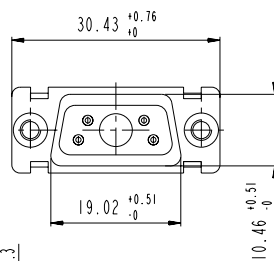
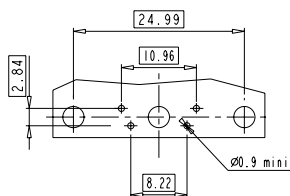
PART NUMBER	FRONT ACCESSORY
D*MxWxS300N	without
D*MFxWxS300N	floating mounting
D*MLxWxS300N	insert M3
D*MOxWxS300N	insert UNC 4.40
D*MVxWxS300N	female screw UNC 4.40
D*MSxWxS300N	Spacer
D*MxWxS343N	without
D*MFxWxS343N	floating mounting
D*MLxWxS343N	insert M3
D*MOxWxS343N	insert UNC 4.40
D*MVxWxS343N	female screw UNC 4.40
D*MSxWxS343N	Spacer

shell size LAYOUTS

#	xWx
E	5W1
A	11W1
A	7W2
B	21W1
B	17W2
B	13W3
B	9W4
C	25W3
C	21WA4
C	27W2
D	47W1
D	24W7
D	36W4

www.fciconnect.com			surface ☒ tolerance std ☐ ISO 1302 ISO 406 ISO 1101		projection  mm 	
TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	M PESSON	2006/11/15	ANGULAR	0.X ±0.3	size A2	Scale 2:1
Eng	P LEGARE	2006/11/15	LINEAR	0.XX ±0.1	ECN	LS07-0273
Chr	P LEGARE	2006/11/15	0° ±2°	0.XXX ±0.05		
Appr	P LEGARE	2006/11/15	Product family	-	Spec ref	
			SUB FEMALE DMW		C01-8637-1751	
			mixed power straight solder		Rev. B	
catalog no			-	CUSTOMER		sheet 2 of 7

SCALE: 4

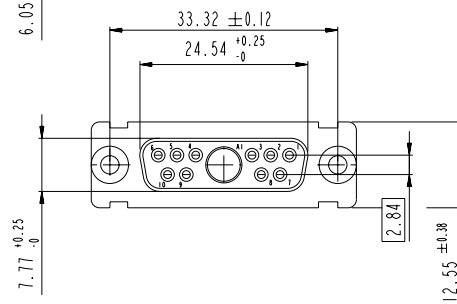
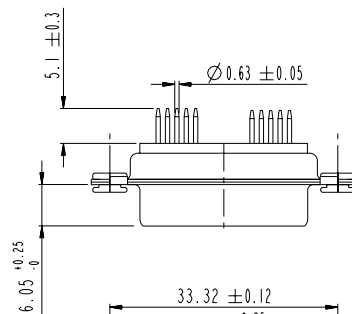
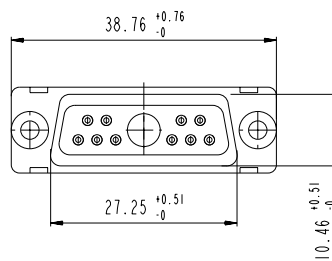
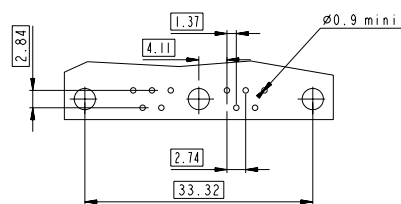


Floating signal contacts

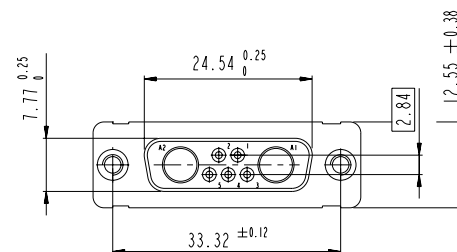
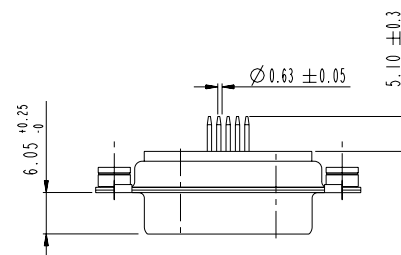
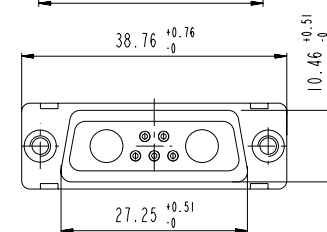
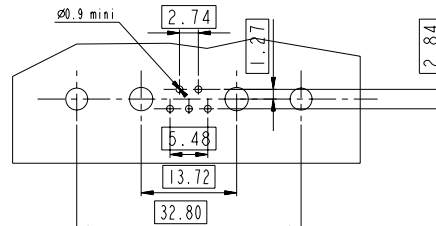
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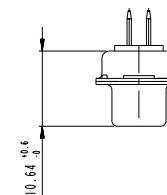
LAYOUT AND CONNECTOR DIMENSIONS



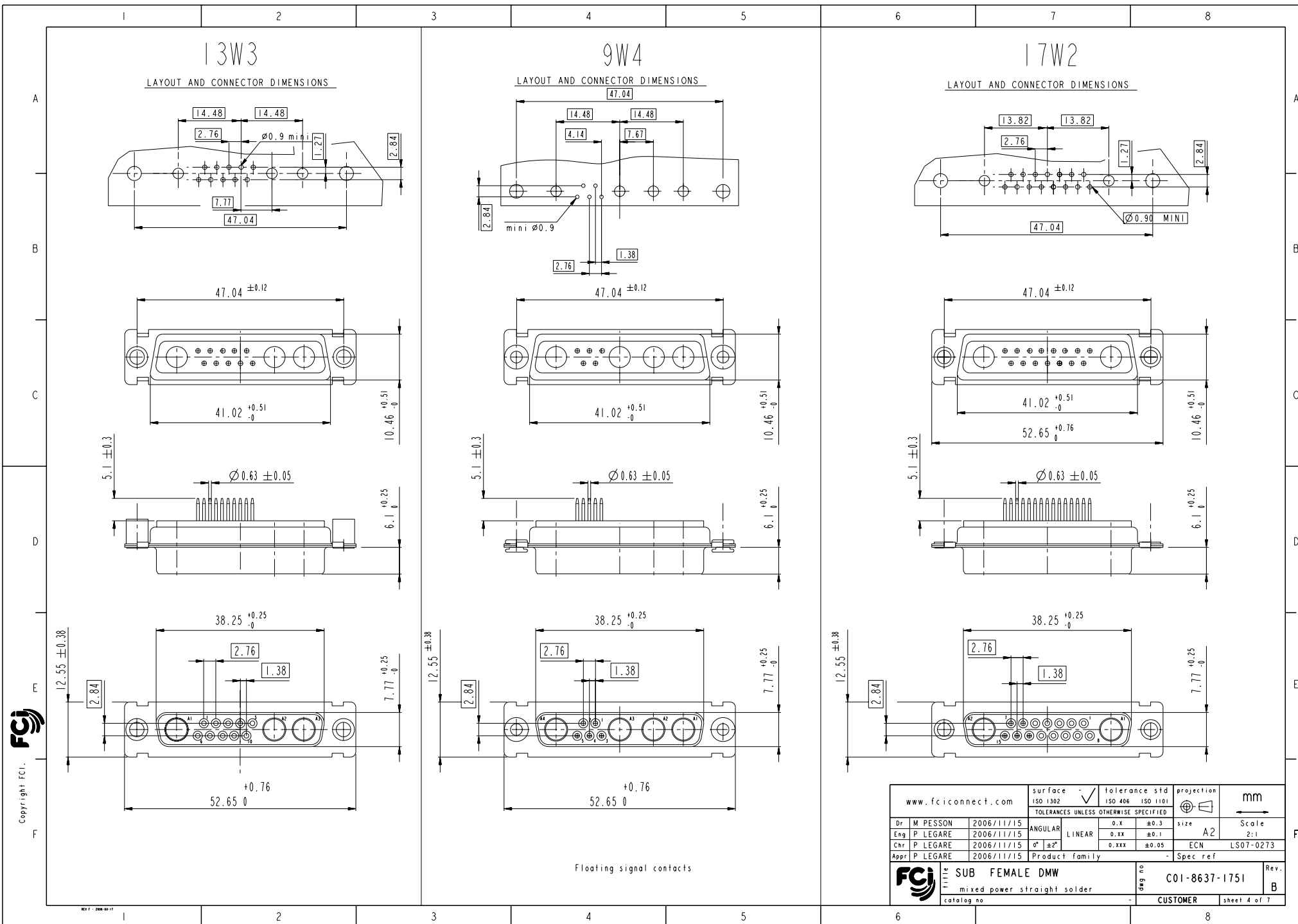
LAYOUT AND CONNECTOR DIMENSIONS



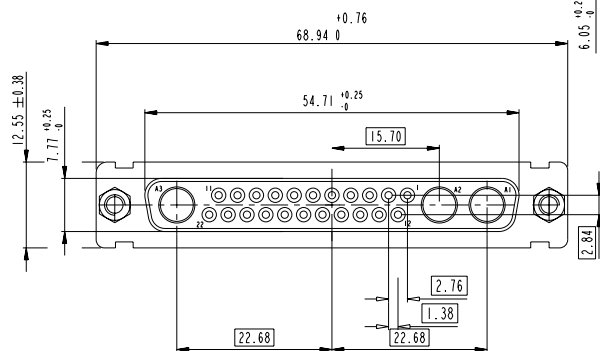
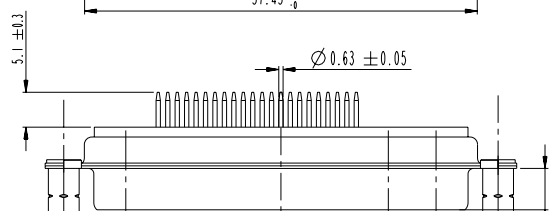
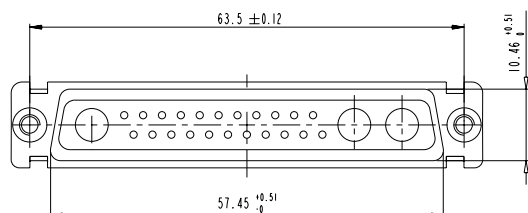
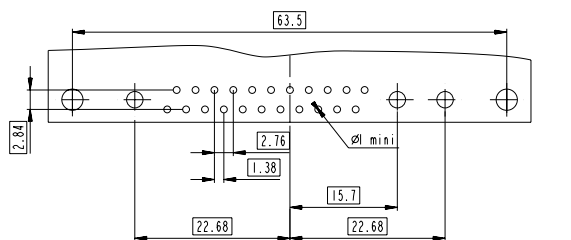
SIDE VIEW FOR
LAYOUTS: E A B C



www.fciconnect.com			surface ☒ tolerance std ISO 1302 ISO 406 ISO 1101		projection 		mm 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	M PESSON	2006/11/15	ANGULAR	LINEAR	0.X	±0.3	size	A2	
Eng	P LEGARE	2006/11/15			0.XX	±0.1		Scale	2:1
Chr	P LEGARE	2006/11/15			0" ±0.2"		ECN	LS07-0273	
Appr	P LEGARE	2006/11/15	Product family			-	Spec ref		
			title SUB FEMALE DMW mixed power straight solder			dag no C01-8637-1751		Re B	
catalog no			CUSTOMER			sheet 3 of 7			



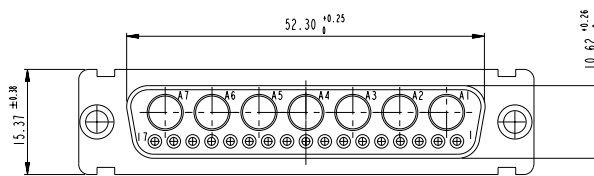
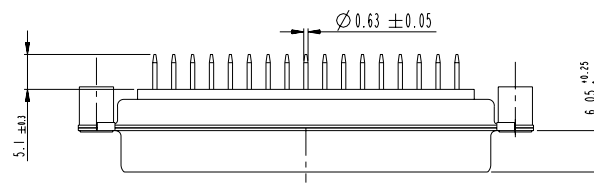
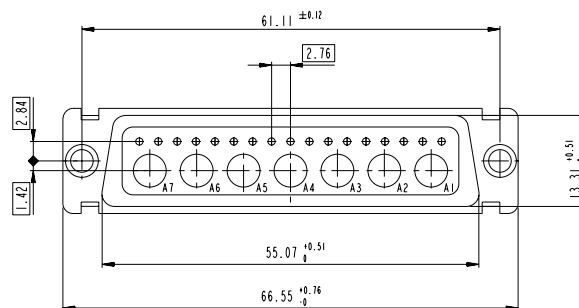
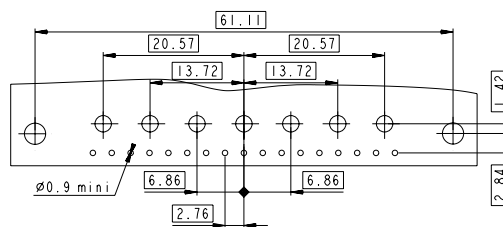
LAYOUT AND CONNECTOR DIMENSIONS



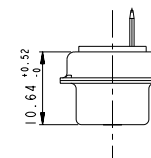
Floating signal contacts

REV F - 2006-08-17

LAYOUT AND CONNECTOR DIMENSIONS



SIDE VIEW FOR
LAYOUTS: D



www.fciconnect.com				surface ☒ tolerance std ISO 1302 ISO 406 ISO 1101		projection 		mm 	
TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	M	PESSON	2006/11/15	ANGULAR	LINEAR	0.x	±0.3	size	Scale
Eng	P	LEGARE	2006/11/15			0.XX	±0.1	A2	2:1
Chr	P	LEGARE	2006/11/15	0°	±2°	0.xxx	±0.05	ECN	LS07-0273
Appr	P	LEGARE	2006/11/15	Product family			-	Spec ref	
				title SUB FEMALE DMW mixed power straight solder catalog no			day no C01-8637-1751 CUSTOMER		Rev B sheet 6 of 7

