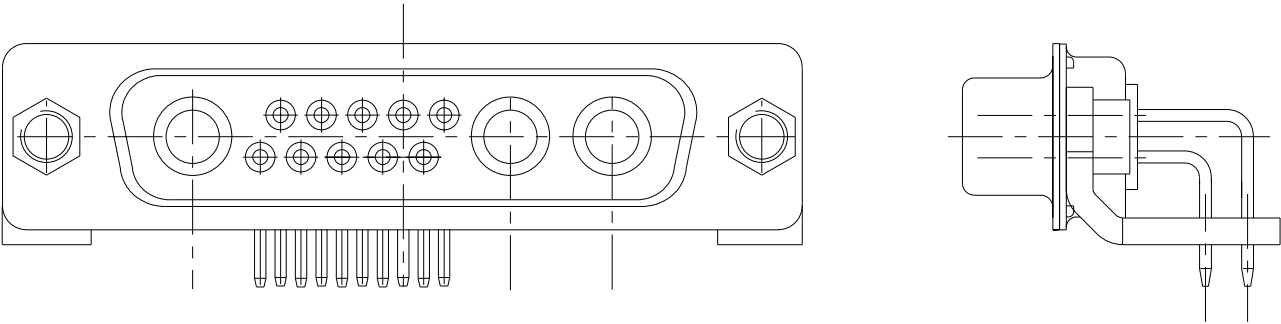
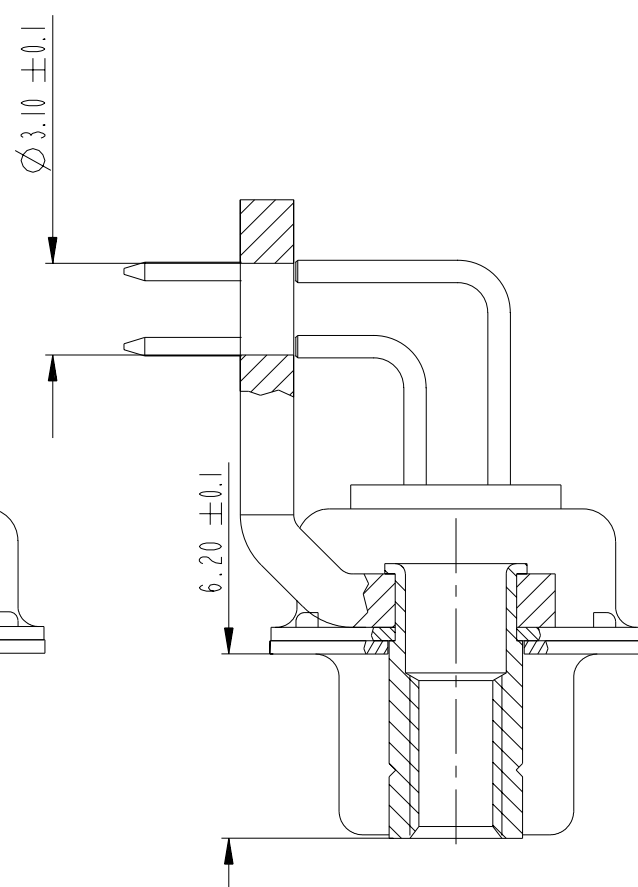


	I	2	3	4	5	6	7	8																																																																																																				
A	REFERENCE SPECIFICATIONS -NFC 93425 (in compliance with HE 507) PHYSICAL CHARACTERISTICS -INSULATOR MATERIAL: THERMOPLASTIC UL94V0 -CONTACT MATERIAL: PHOSPHOR BRONZE(SIGNAL CONTACT) GOLD OVER NICKEL -ACCESSORIES: STEEL FOR BRACKETS Cadmium plated, yellow passivation B -SHELLS: STEEL Cadmium plated, yellow passivation ELECTRICAL CHARACTERISTICS -NOMINAL CURRENT: 7.5A (SIGNAL CONTACT) -CONTACT RESISTANCE: <=7.3 m Ohms(SIGNAL) -CONTACT/CONTACT : >=1000 V C ENVIRONMENTAL CHARACTERISTICS -CONTACT/GROUND : >=1200 V -INSULATION RESISTANCE: >=5000 MOhms D - CLIMATIC CATEGORY: 55/125/21 TEMPERATURE RANGE -55°C TO +125°C DAMP HEAT STEADY STATE 56 DAYS SALT SPRAY 48 HOURS E F			Series Shell size: E A B C D (see sheet 3) M :Characteristics for the DM serie 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 Layout of contacts (see sheet 3) Contacts S :Socket Termination type 5 Right angle/Europe standard Plating 00 Right angle 500 matings/unmatings 43 Right angle 500 matings/unmatings for harsh environment PCB accessories definition(see sheet 2) blank :Plastic brackets C :Without brackets M :Metal brackets N :Obligatory indication for HE 507					DBML13W3S500MN			13W3 FOR EXAMPLE  <table><tr><td>rev</td><td>ecn no</td><td>dr</td><td>date</td></tr><tr><td>A</td><td>LS06-0174</td><td>MPE</td><td>2006/11/14</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td></tr></table><table><tr><td colspan="3">www.fciconnect.com</td><td>surface - ISO 1302</td><td>tolerance std ISO 406 ISO 1101</td><td>projection TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td>size A2</td><td>mm Scale 2:1</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 rowspan="3">ECN LS06-0174</td><td rowspan="3">Rev. A</td></tr><tr><td>Eng</td><td>M.PESSON</td><td>2006/11/14</td><td rowspan="2">LINEAR</td><td>0.XX</td><td>±0.1</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></tr><tr><td>Appr</td><td>P.LEGARE</td><td>2006/11/14</td><td colspan="3">Product family</td><td>-</td><td>Spec ref</td></tr><tr><td colspan="3">FCi</td><td colspan="2">title SUB FEMALE DMW EUROPE foot print</td><td colspan="2">dwg no C01-8637-1749</td><td></td></tr><tr><td colspan="3"></td><td colspan="2">mixed power right angled solder</td><td colspan="2"></td><td></td></tr><tr><td colspan="3"></td><td colspan="2">catalog no</td><td colspan="2">-</td><td></td></tr></table> <table><tr><td colspan="2">CUSTOMER</td><td>sheet 1 of 9</td></tr></table>		rev	ecn no	dr	date	A	LS06-0174	MPE	2006/11/14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	www.fciconnect.com			surface - ISO 1302	tolerance std ISO 406 ISO 1101	projection TOLERANCES UNLESS OTHERWISE SPECIFIED	size A2	mm Scale 2:1	Dr	M.PESSON	2006/11/14	ANGULAR	0.X	±0.3	ECN LS06-0174	Rev. A	Eng	M.PESSON	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			title SUB FEMALE DMW EUROPE foot print		dwg no C01-8637-1749						mixed power right angled solder								catalog no		-			CUSTOMER		sheet 1 of 9
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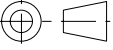
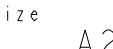


www.fciconnect.com			surface $\sim$ 		tolerance std ISO 1302 ISO 406 ISO 1101		projection 		mm 	
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Eng	M. PESSON	2006/11/14			0.XX	± 0.1				
Chr	P. LEGARE	2006/11/14			0.XXX	± 0.05			ECN	LS06-0174
Appr	P. LEGARE	2006/11/14	Product family				-	Spec ref		
			SUB FEMALE DMW EUROPE foot print				C01-8637-1749		Rev.	
mixed power right angled solder									A	
catalog no			-				CUSTOMER		sheet 2 of 9	

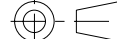
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D*MxWxS500CN	500	without	without
D*MLxWxS500CN	500	insert M3	without
D*MOxWxS500CN	500	insert UNC 4.40	without
D*MVxWxS500CN	500	female screw UNC 4.40	without
D*MxWxS500MN	500	without	metal bracket
D*MLxWxS500MN	500	insert M3	metal bracket
D*MOxWxS500MN	500	insert UNC 4.40	metal bracket
D*MVxWxS500MN	500	female screw UNC 4.40	metal bracket
D*MxWxS500N	500	without	plastic bracket
D*MLxWxS500N	500	insert M3	plastic bracket
D*MOxWxS500N	500	insert UNC 4.40	plastic bracket
D*MVxWxS500N	500	female screw UNC 4.40	plastic bracket

PART NUMBER	MATINGS/ UNMATINGS	FRONT ACCESSORY	PCB ACCESSORIES
D*MxWxS543CN	500	without	without
D*MLxWxS543CN	500	insert M3	without
D*MOxWxS543CN	500	insert UNC 4.40	without
D*MVxWxS543CN	500	female screw UNC 4.40	without
D*MxWxS543MN	500	without	metal bracket
D*MLxWxS543MN	500	insert M3	metal bracket
D*MOxWxS543MN	500	insert UNC 4.40	metal bracket
D*MVxWxS543MN	500	female screw UNC 4.40	metal bracket
D*MxWxS543N	500	without	plastic bracket
D*MLxWxS543N	500	insert M3	plastic bracket
D*MOxWxS543N	500	insert UNC 4.40	plastic bracket
D*MVxWxS543N	500	female screw UNC 4.40	plastic bracket

shell size	LAYOUTS
5W1	
11W1	
7W2	
21W1	
17W2	
13W3	
9W4	
25W3	
21WA4	
27W2	
47W1	
24W7	
36W4	

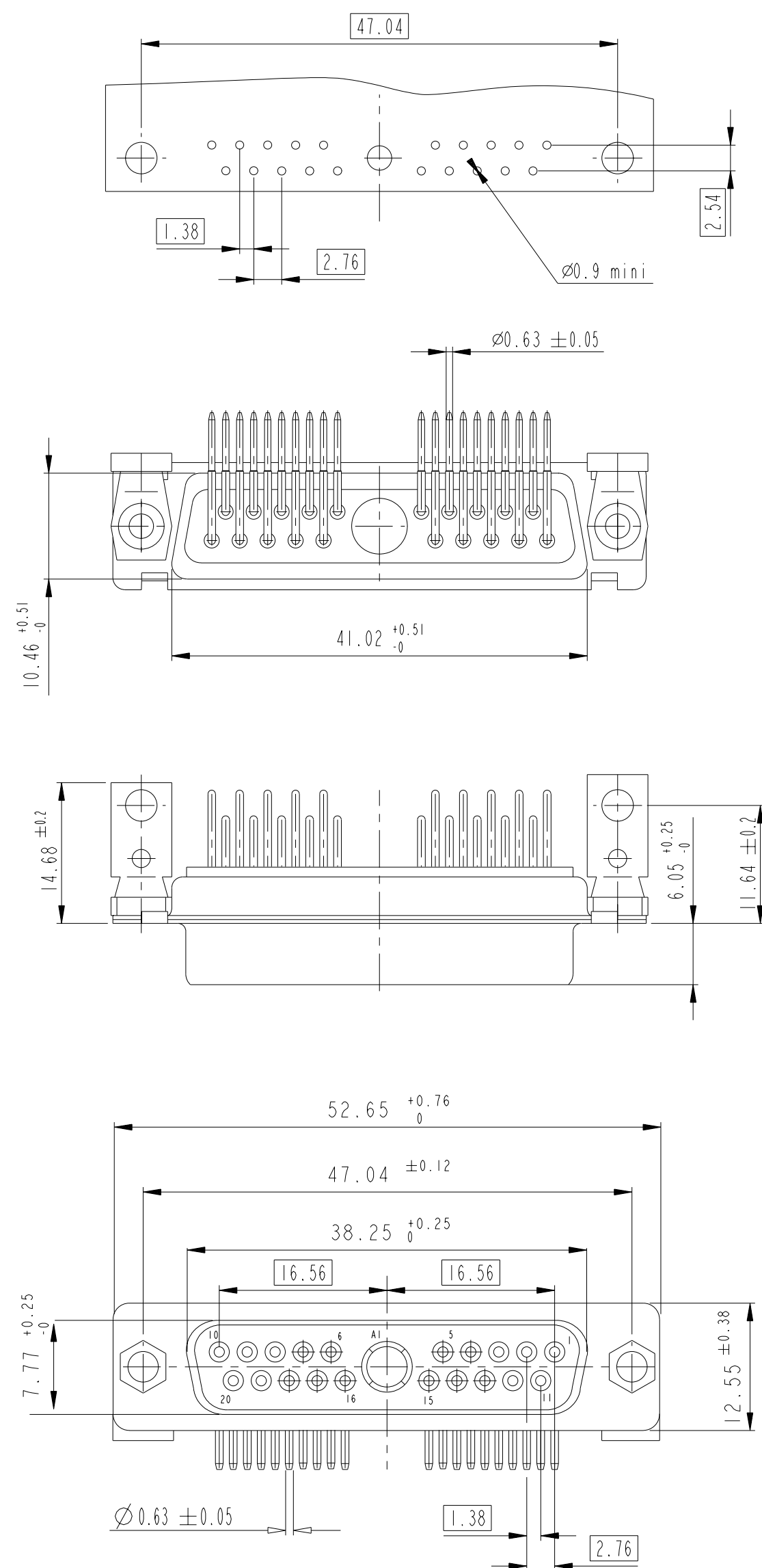
www.fciconnect.com			surface - ☒ ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 	
			ANGULAR LINEAR		0.X ±0.3		 A2		size Scale 2:1	
0.XX ±0.1										
0.XXX ±0.05										
Dr M.PESSON 2006/11/14			0° ±2°		Product family		ECN		LS06-0174	
Eng M.PESSON 2006/11/14					- Spec ref					
Chr P.LEGARE 2006/11/14										
Appr P.LEGARE 2006/11/14										
			title SUB FEMALE DMW EUROPE foot print				dwg no C01-8637-1749		Rev. A	
			mixed power right angled solder							
			catalog no -				CUSTOMER		sheet 3 of 9	

1	2	3	4	5	6	7	8
13W3 LAYOUT AND CONNECTOR DIMENSIONS		9W4 LAYOUT AND CONNECTOR DIMENSIONS		17W2 LAYOUT AND CONNECTOR DIMENSIONS			
		Floating signal contacts					
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	LINEAR	0.X		±0.3		size A2	Scale 2:1
Eng	M. PESSON	2006/11/14			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	
			title SUB FEMALE DMW EUROPE foot print				dwg no C01-8637-1749		Rev. A	
			mixed power right angled solder							
			catalog no				CUSTOMER		sheet 5 of 9	

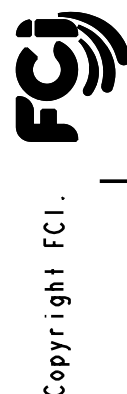
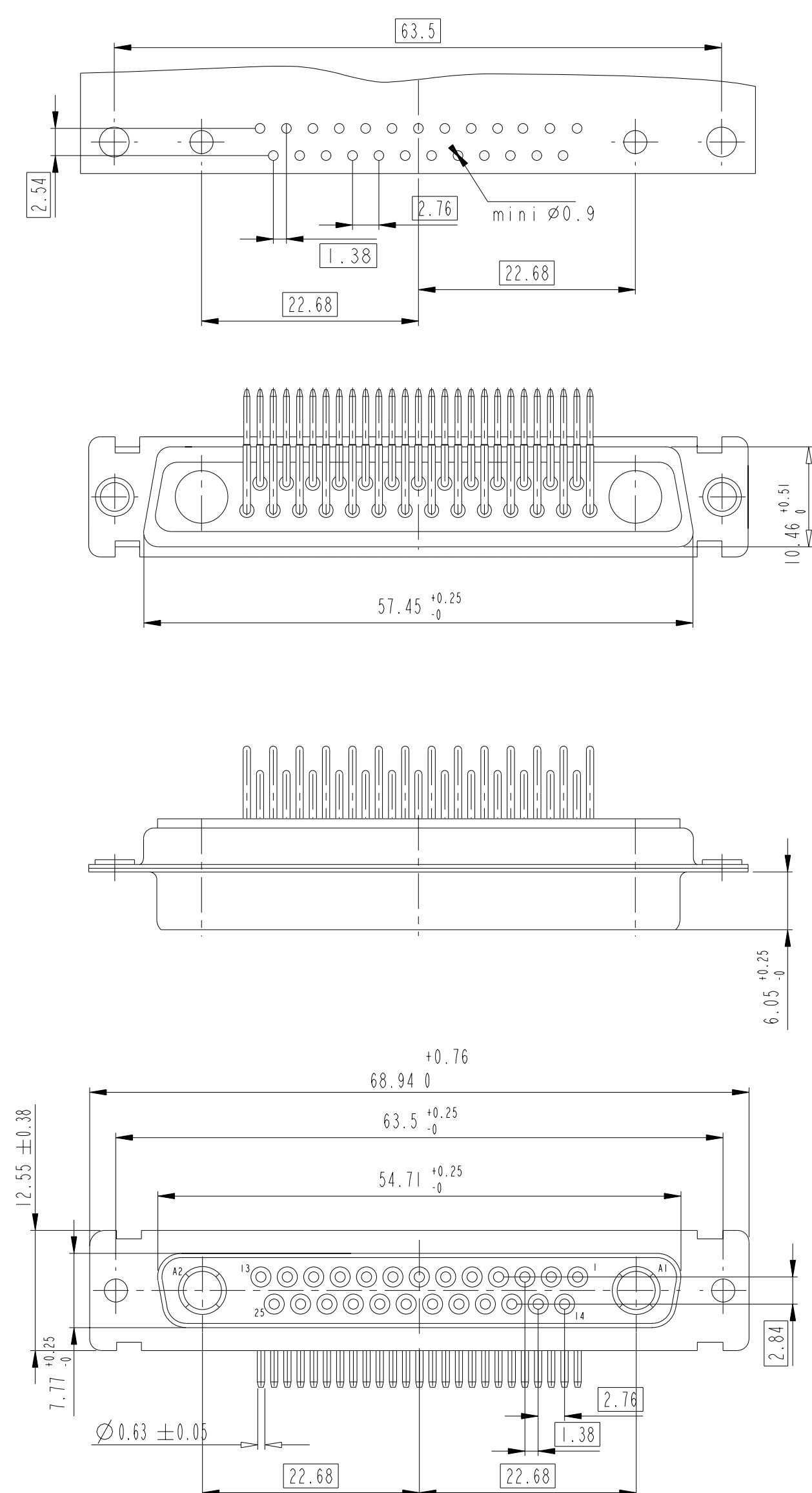
2 | W |

LAYOUT AND CONNECTOR DIMENSIONS



27W2

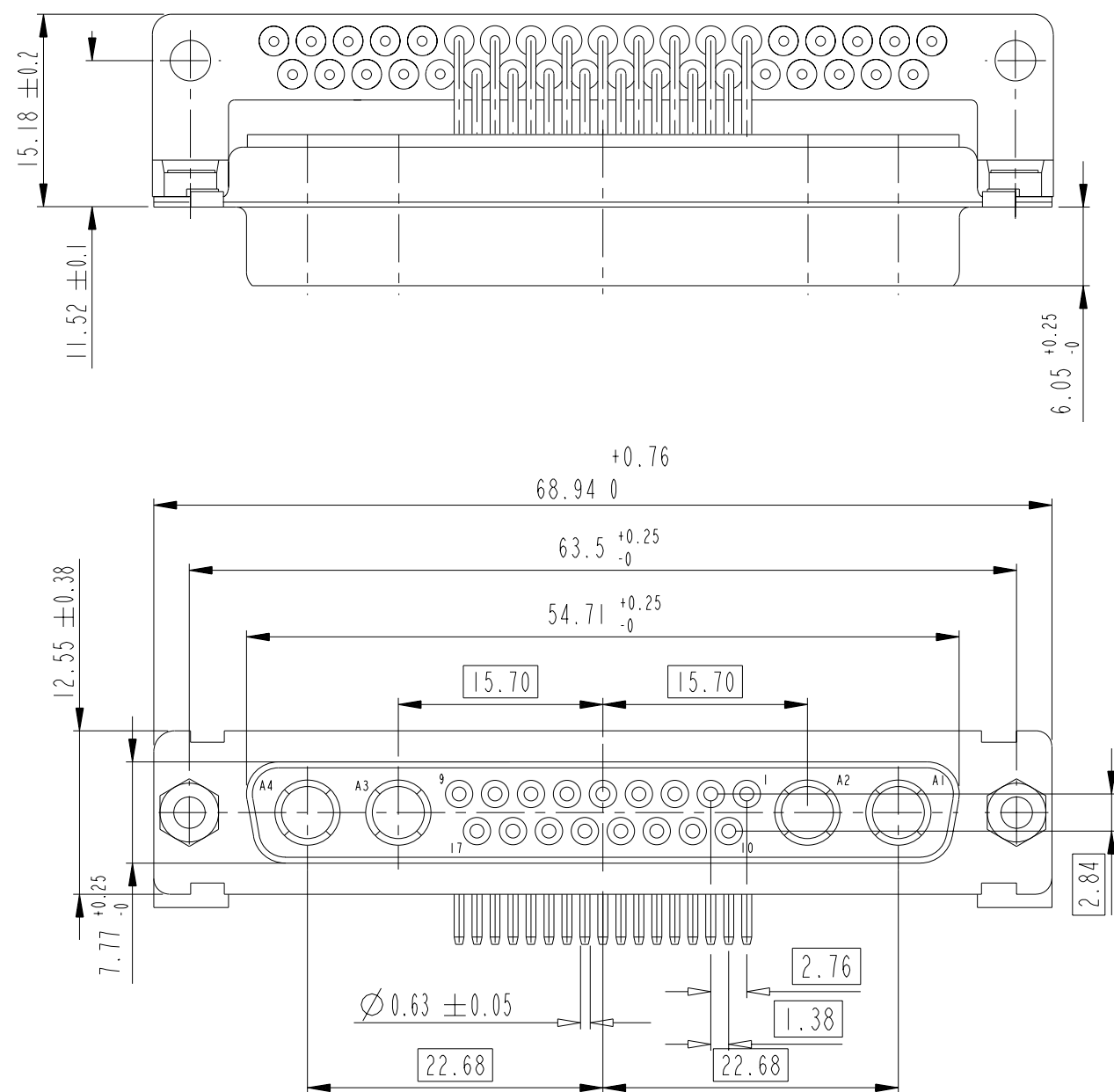
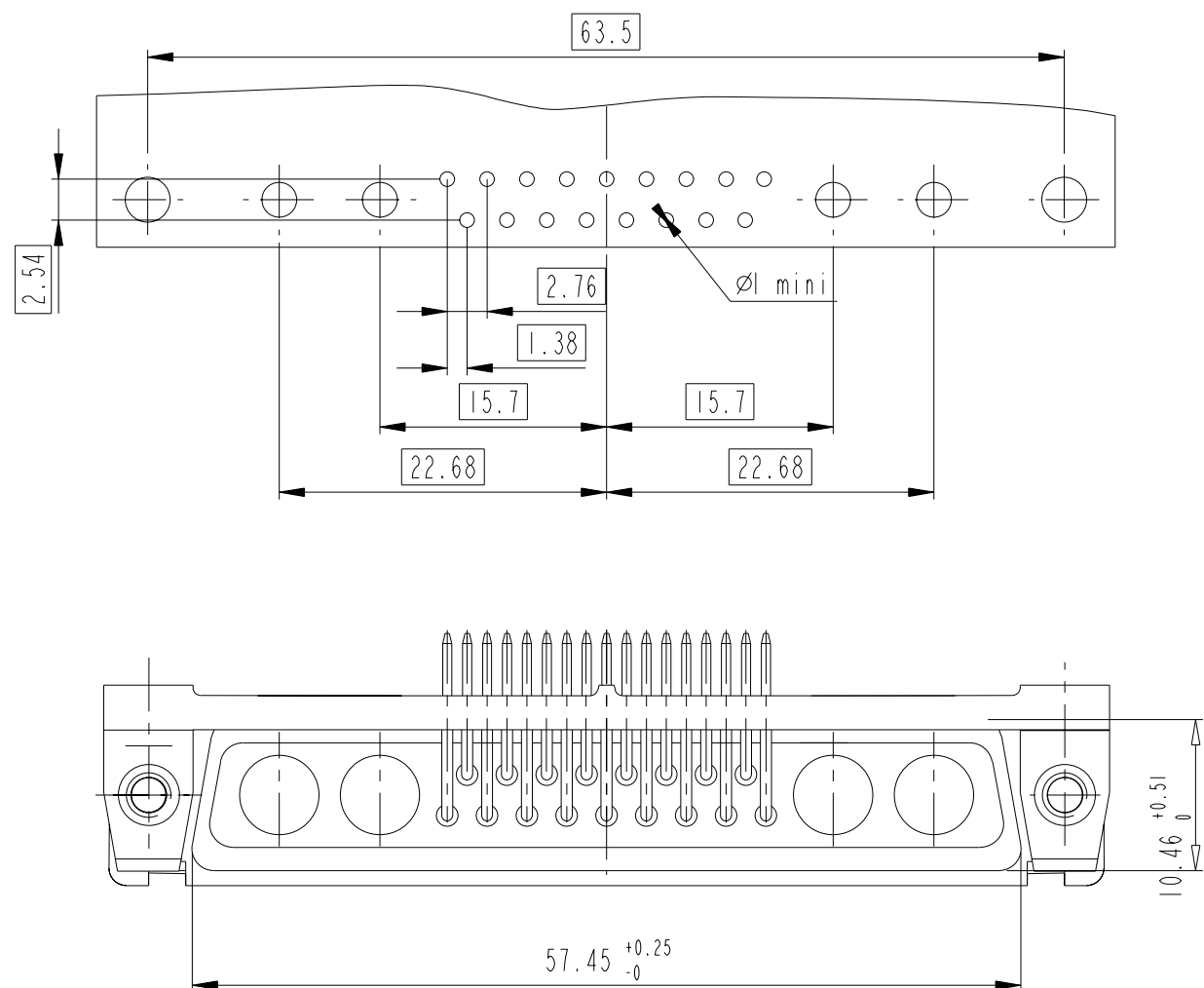
LAYOUT AND CONNECTOR DIMENSIONS



www.fciconnect.com			surface ☒		tolerance std ISO 1302 ISO 406 ISO 1101		projection 		mm 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	M. PESSON	2006/11/14	ANGULAR	LINEAR	0.X	±0.3	size A2	Scale 2:1			
Eng	M. PESSON	2006/11/14			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			
			SUB FEMALE DMW EUROPE foot print				dwg no C01-8637-1749			Rev A	
			mixed power right angled solder								
catalog no			-				CUSTOMER			sheet 6 of 9	

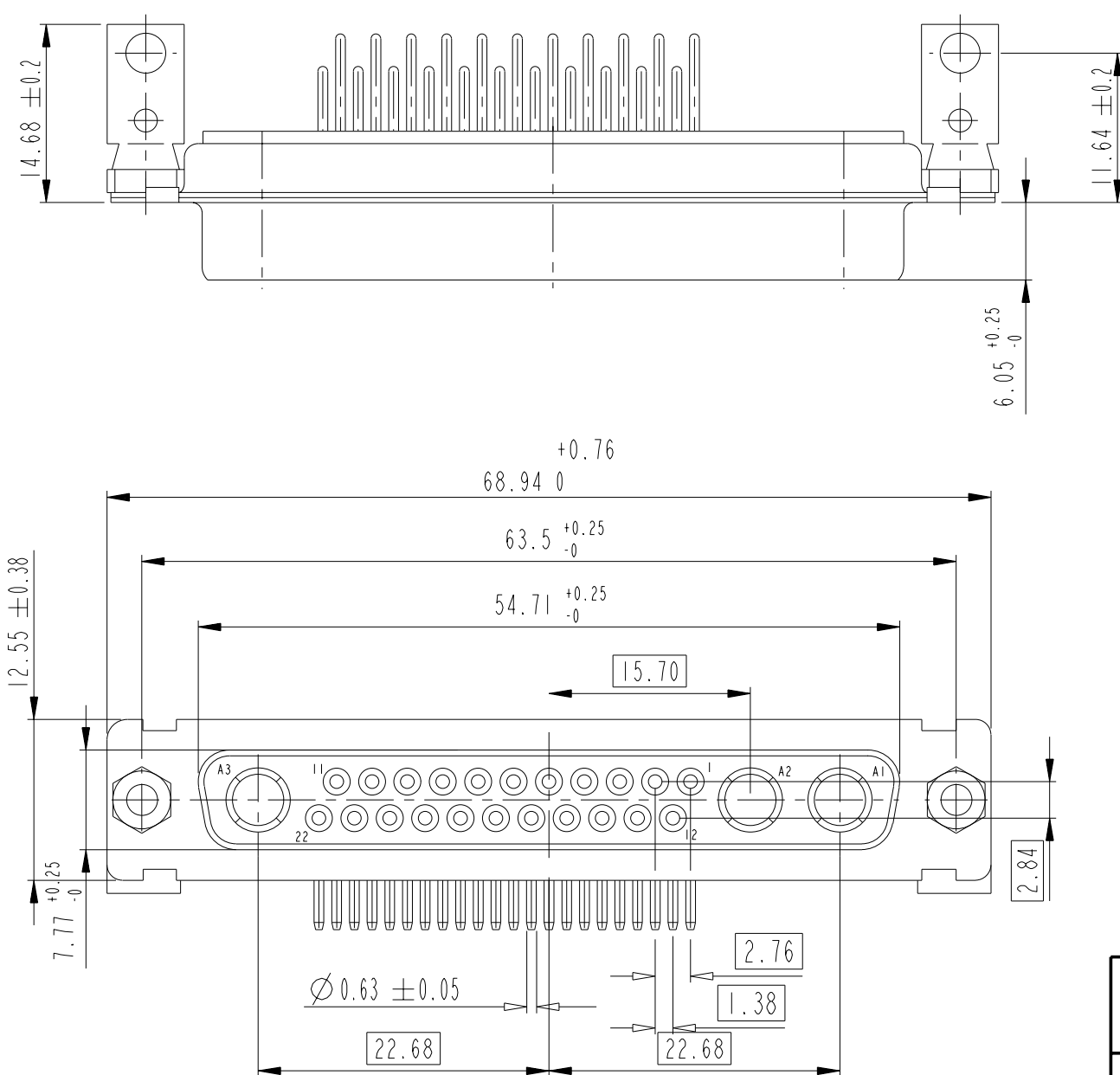
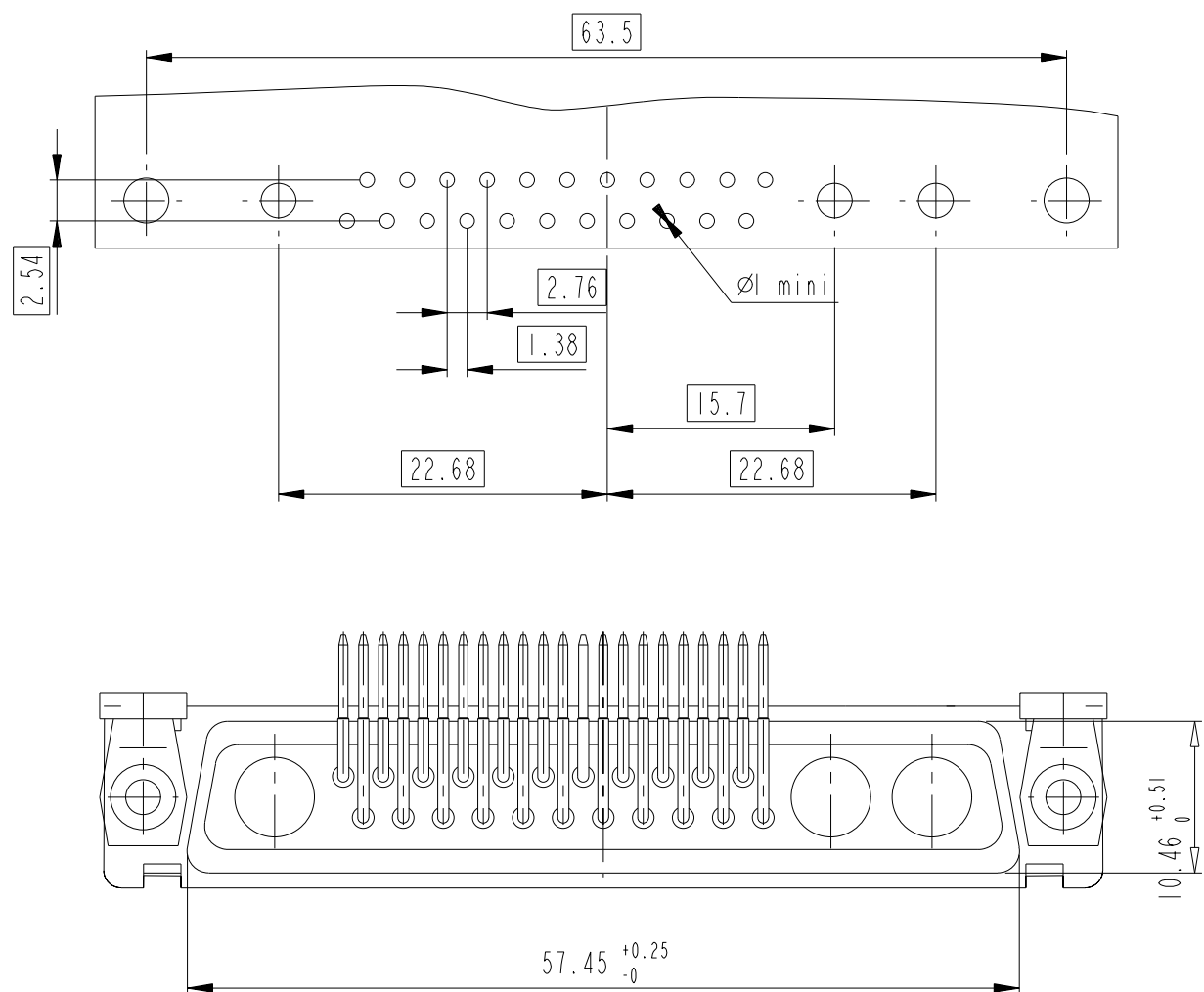
21WA4

LAYOUT AND CONNECTOR DIMENSIONS



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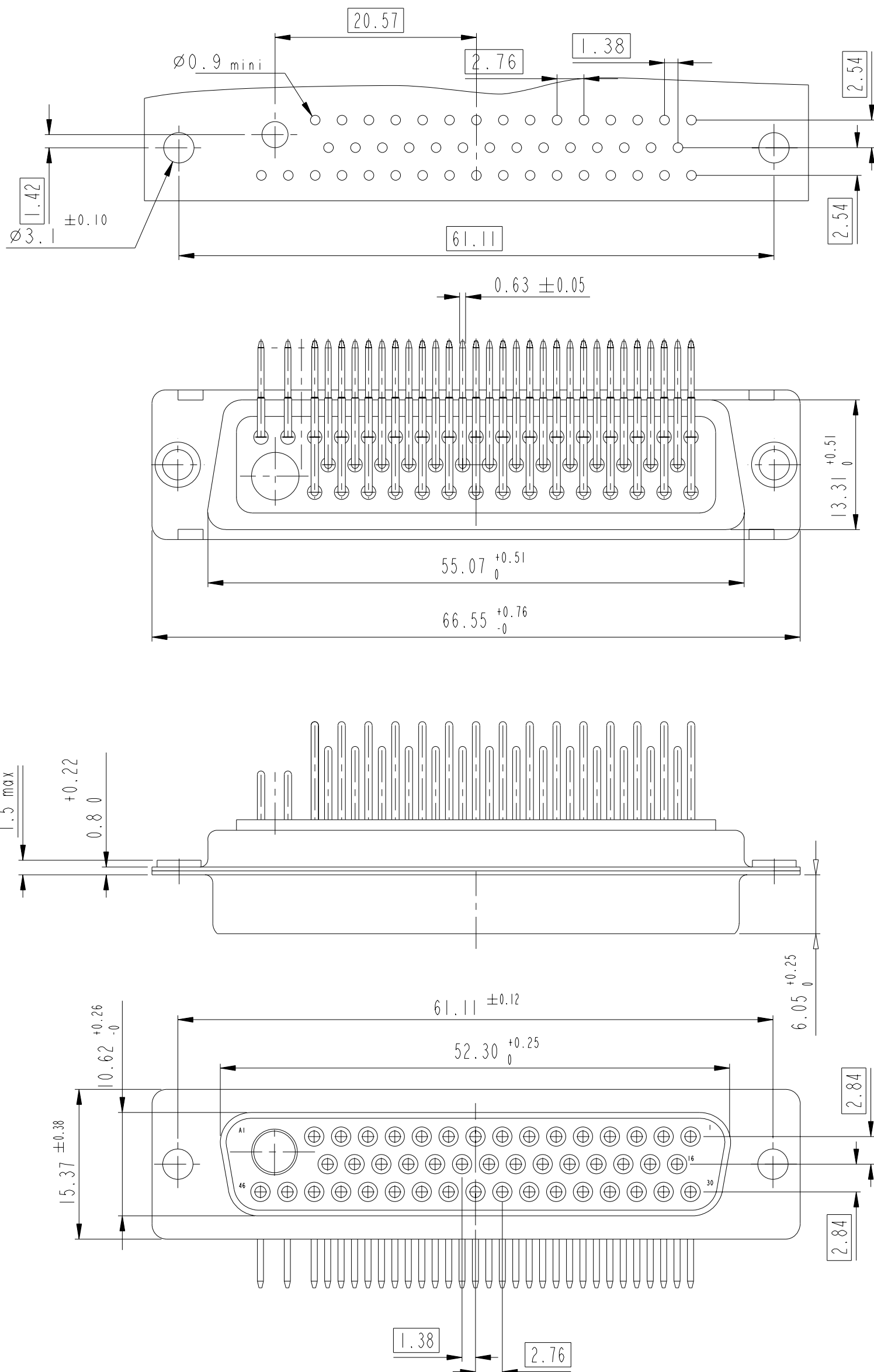
LAYOUT AND CONNECTOR DIMENSIONS



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
Eng	M. PESSON	2006/11/14	LINEAR	0.XX	±0.1	Scale 2:1
Chr	P. LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05	ECN LS06-0174
Appr	P. LEGARE	2006/11/14	Product family		-	Spec ref
FCi			SUB FEMALE DMW EUROPE foot print			Rev. A
			mixed power right angled solder			
			catalog no			
			CUSTOMER			sheet 7 of 9

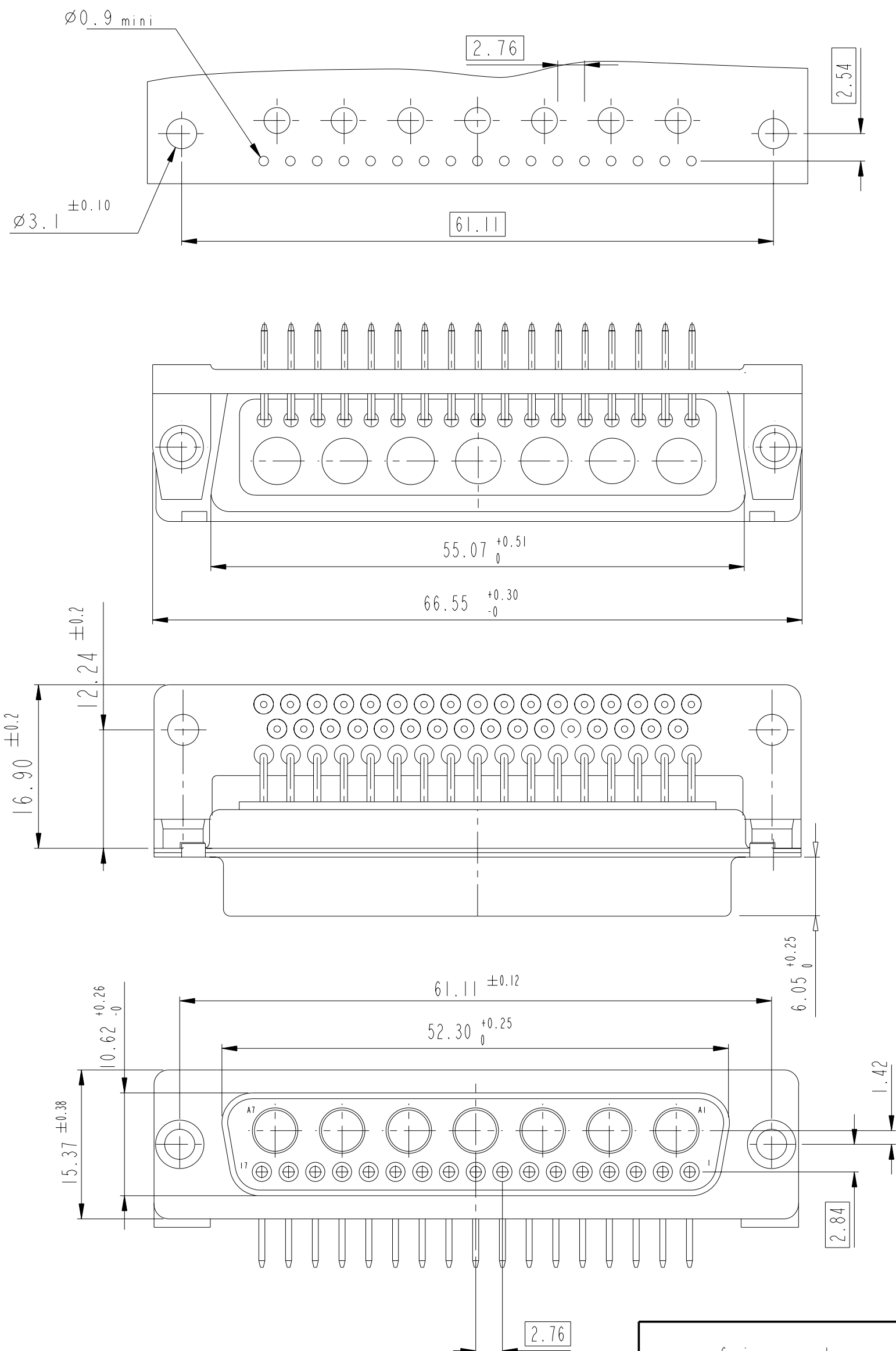


LAYOUT AND CONNECTOR DIMENSIONS



24W7

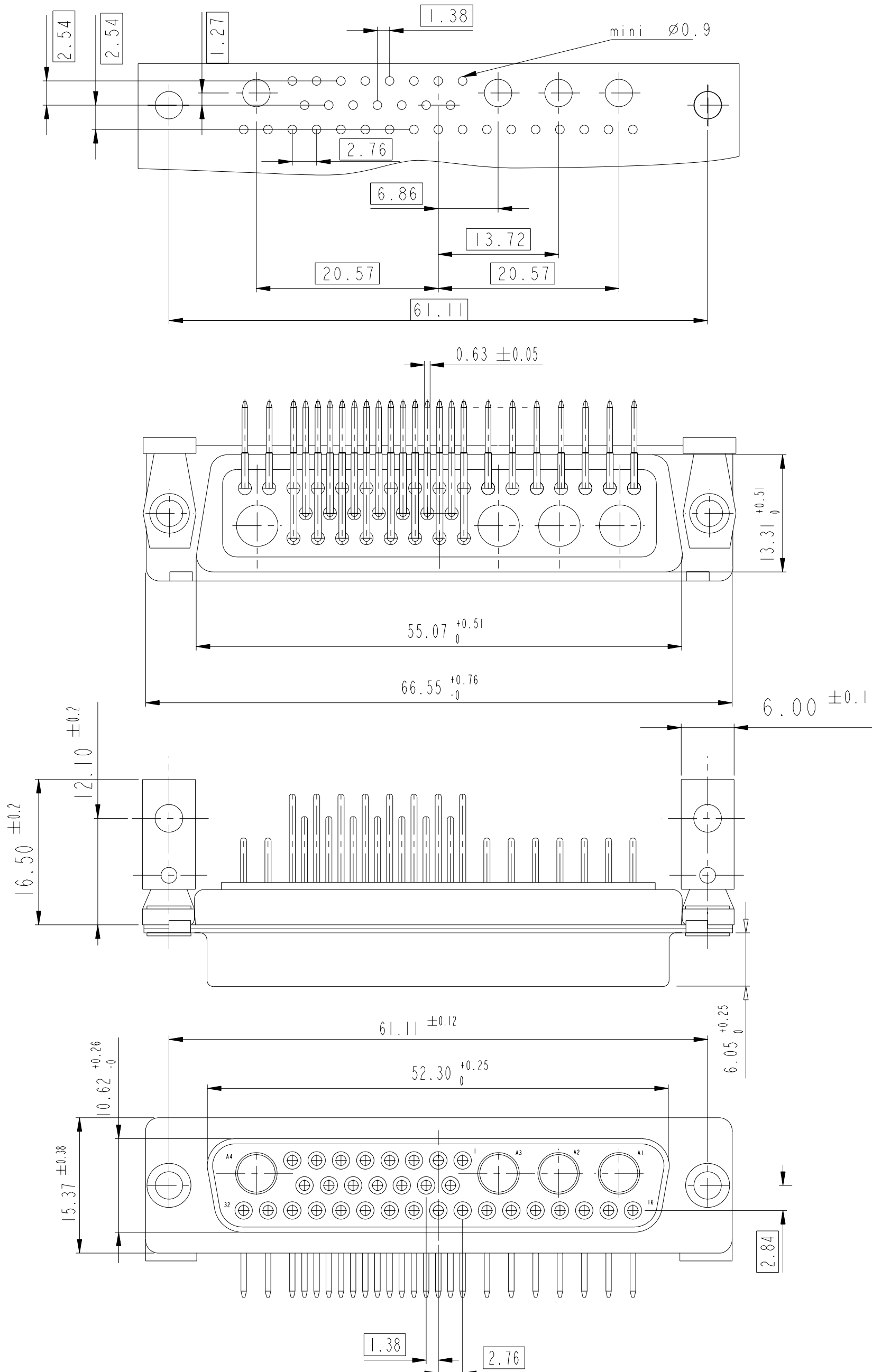
LAYOUT AND CONNECTOR DIMENSIONS



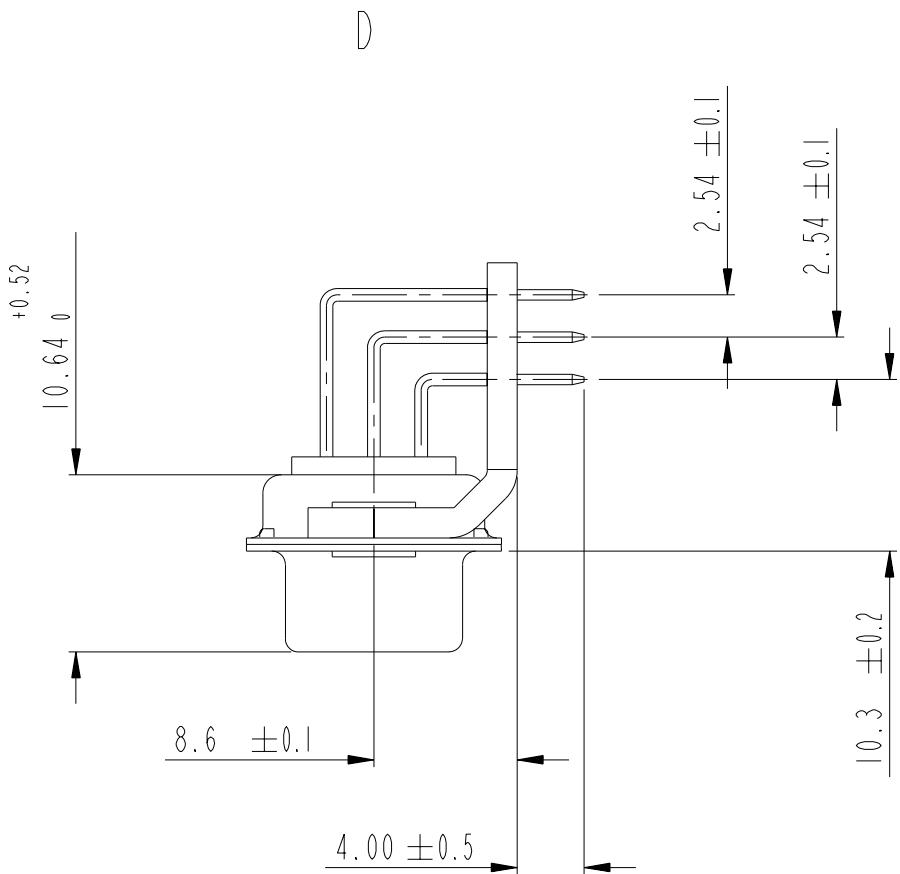
www.fciconnect.com			surface -	tolerance std	projection	mm
Dr	M. PESSON	2006/11/14	ISO 1302	ISO 406 ISO 1101	ISO 1101	
Eng	M. PESSON	2006/11/14	TOLERANCES UNLESS OTHERWISE SPECIFIED			Scale
Chr	P. LEGARE	2006/11/14	ANGULAR	0.X	±0.3	2:1
Appr	P. LEGARE	2006/11/14	LINEAR	0.XX	±0.1	
			0° ±2°	0.XXX	±0.05	ECN
			Product family			LS06-0174
			- Spec ref			
FCi			SUB FEMALE DMW EUROPE foot print			Rev.
			mixed power right angled solder			A
			catalog no			
			- CUSTOMER			sheet 8 of 9

36W4

LAYOUT AND CONNECTOR DIMENSIONS



SIDE VIEW FOR ALL LAYOUTS



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	Scale
Eng	M. PESSON	2006/11/14		LINEAR	0.XX	± 0.1	A2	2:1
Chr	P. LEGARE	2006/11/14	0°	$\pm 2^\circ$	0.XXX	± 0.05	ECN	LS06-0174
Appr	P. LEGARE	2006/11/14	Product family			-	Spec ref	
FCi			SUB FEMALE DMW EUROPE foot print			dwg no	C01-8637-1749	Rev.
			mixed power right angled solder					A
catalog no			-			CUSTOMER		sheet 9 of 9