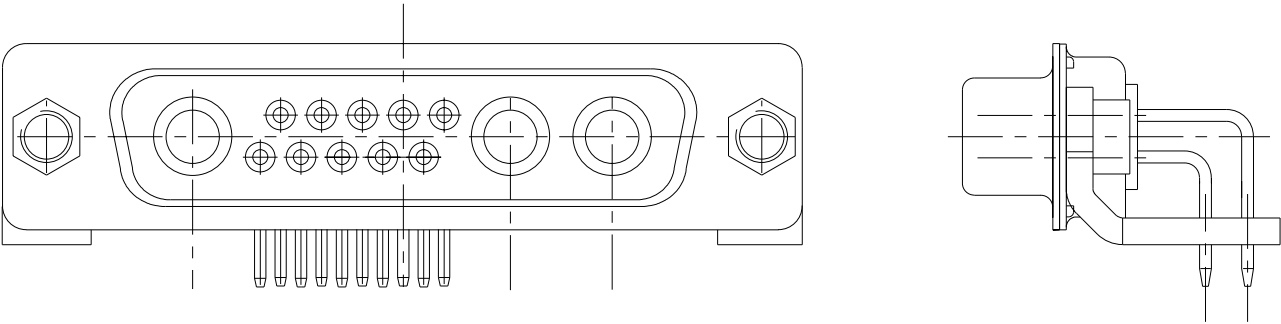
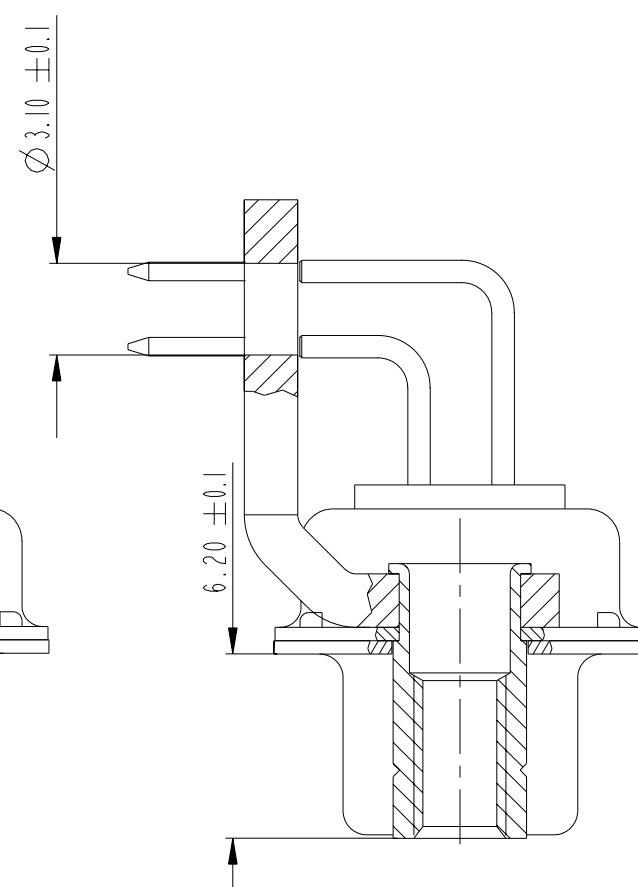
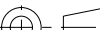


	I	2	3	4	5	6	7	8																																																																																											
A	REFERENCE SPECIFICATIONS -NFC 93425 (in compliance with HE 507) PHYSICAL CHARACTERISTICS -INSULATOR MATERIAL: THERMOPLASTIC UL94V0 -CONTACT MATERIAL: PHOSPHOR BRONZE(SIGNAL CONTACT) GOLD OVER 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 																																																																																							
FCI Copyright FCI.				<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></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 ISO 1101</td><td>mm</td></tr><tr><td colspan="3"></td><td colspan="2">TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td></td><td></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></tr><tr><td>Eng</td><td>M.PESSON</td><td>2006/11/14</td><td>LINEAR</td><td>0.XX</td><td>±0.1</td><td>Scale</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>2:1</td></tr><tr><td>Appr</td><td>P.LEGARE</td><td>2006/11/14</td><td colspan="2">Product family</td><td>-</td><td>ECN LS06-0174</td></tr><tr><td colspan="3">FCI</td><td colspan="2">title SUB FEMALE DMW EUROPE foot print</td><td>dwg no</td><td>Rev.</td></tr><tr><td colspan="3"></td><td colspan="2">mixed power right angled solder</td><td>C01-8637-1749</td><td>A</td></tr><tr><td colspan="3"></td><td colspan="2">catalog no</td><td>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 ISO 1101	mm				TOLERANCES UNLESS OTHERWISE SPECIFIED				Dr	M.PESSON	2006/11/14	ANGULAR	0.X	±0.3	size	Eng	M.PESSON	2006/11/14	LINEAR	0.XX	±0.1	Scale	Chr	P.LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05	2:1	Appr	P.LEGARE	2006/11/14	Product family		-	ECN LS06-0174	FCI			title SUB FEMALE DMW EUROPE foot print		dwg no	Rev.				mixed power right angled solder		C01-8637-1749	A				catalog no		CUSTOMER	sheet 1 of 9
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 ISO 1101	mm																																																																																													
			TOLERANCES UNLESS OTHERWISE SPECIFIED																																																																																																
Dr	M.PESSON	2006/11/14	ANGULAR	0.X	±0.3	size																																																																																													
Eng	M.PESSON	2006/11/14	LINEAR	0.XX	±0.1	Scale																																																																																													
Chr	P.LEGARE	2006/11/14	0° ±2°	0.XXX	±0.05	2:1																																																																																													
Appr	P.LEGARE	2006/11/14	Product family		-	ECN LS06-0174																																																																																													
FCI			title SUB FEMALE DMW EUROPE foot print		dwg no	Rev.																																																																																													
			mixed power right angled solder		C01-8637-1749	A																																																																																													
			catalog no		CUSTOMER	sheet 1 of 9																																																																																													
REV F - 2006-04-17				PDS: Rev :A STATUS: Released Printed: Jun 18, 2015																																																																																															



Technical drawing of a mechanical part showing a cross-section. The drawing includes the following dimensions and tolerances:

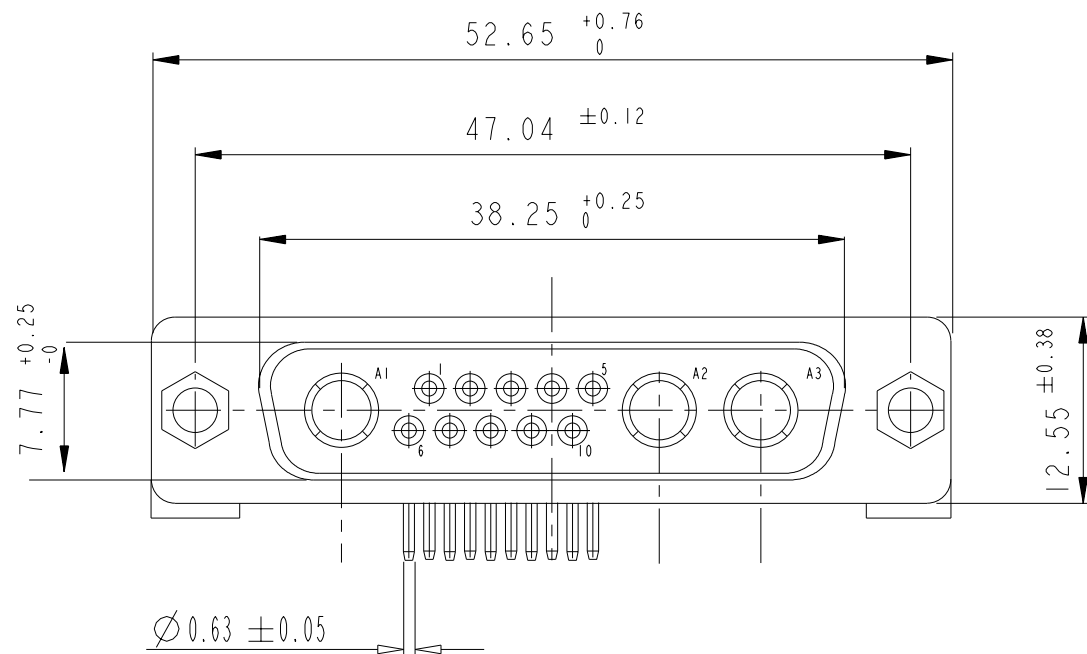
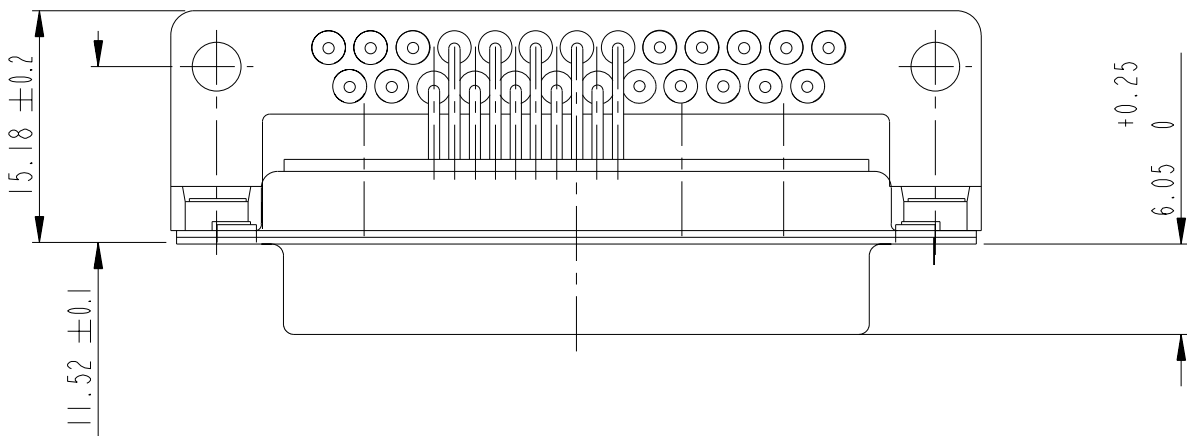
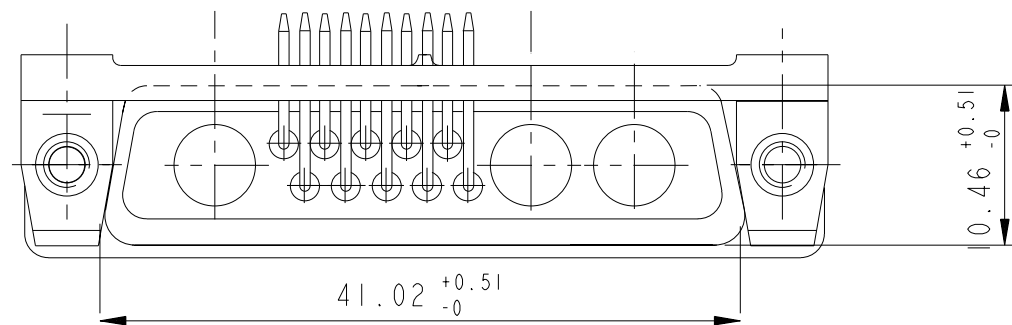
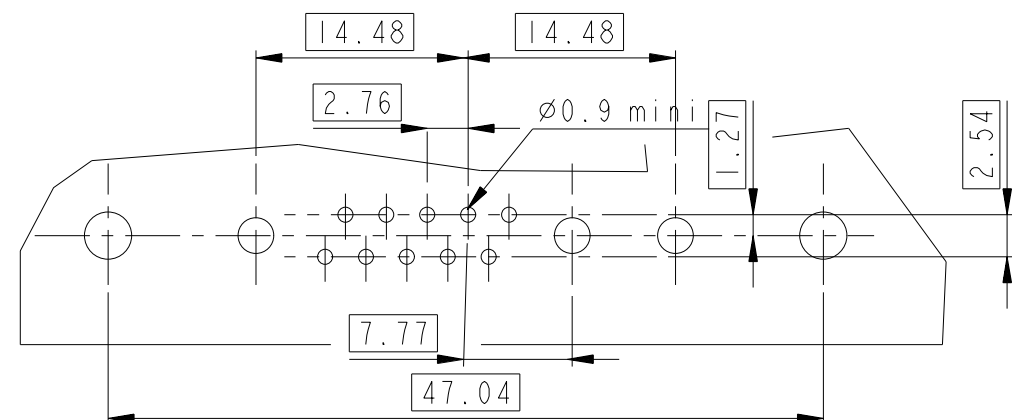
- A vertical dimension of 6.20 ± 0.1 indicating the height of a section.
- A horizontal dimension of $\varnothing 3.20 \begin{smallmatrix} 0 \\ +0.05 \end{smallmatrix}$ indicating the diameter of a hole.
- A small vertical dimension of 0.05 indicating a specific offset or tolerance.

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.XXX	±0.05				
Appr	P. LEGARE	2006/11/14	Product family				ECN		LS06-0174	
			-				Spec ref			

	title	SUB FEMALE DMW EUROPE foot print	dwg no	C01-8637-1749	Rev A
		mixed power right angled solder			
	catalog no	-			

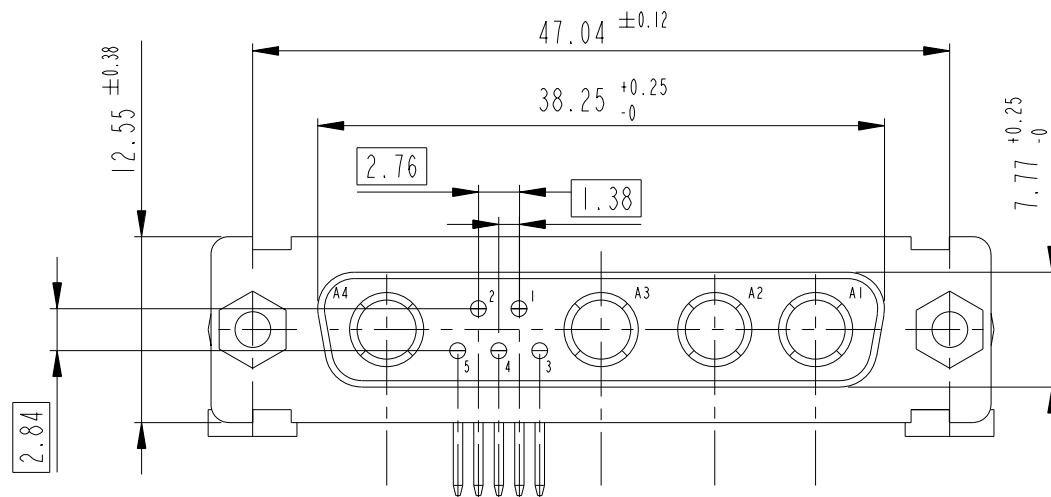
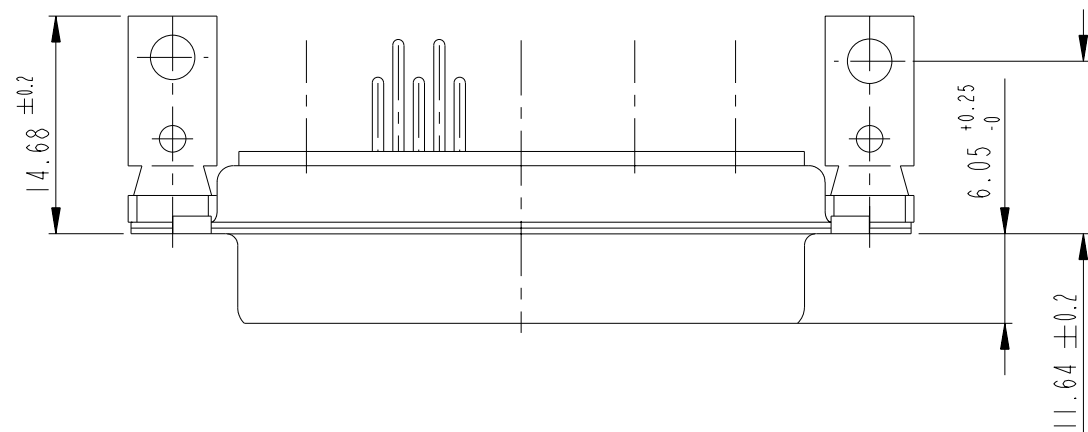
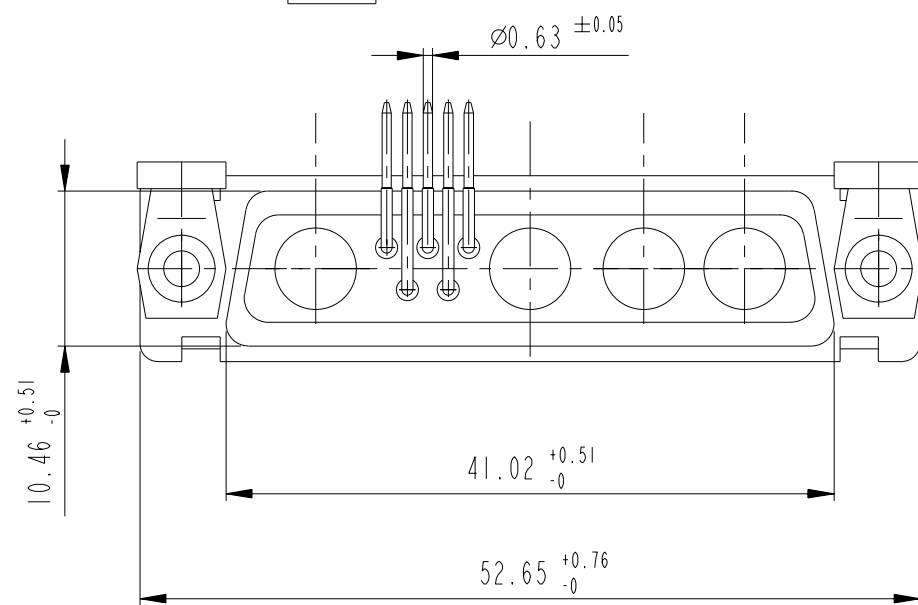
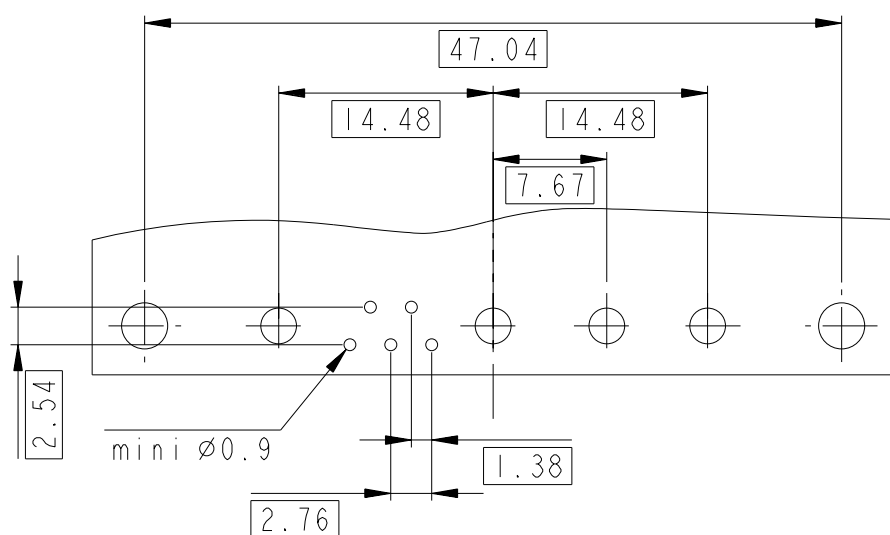
13W3

LAYOUT AND CONNECTOR DIMENSIONS



9W4

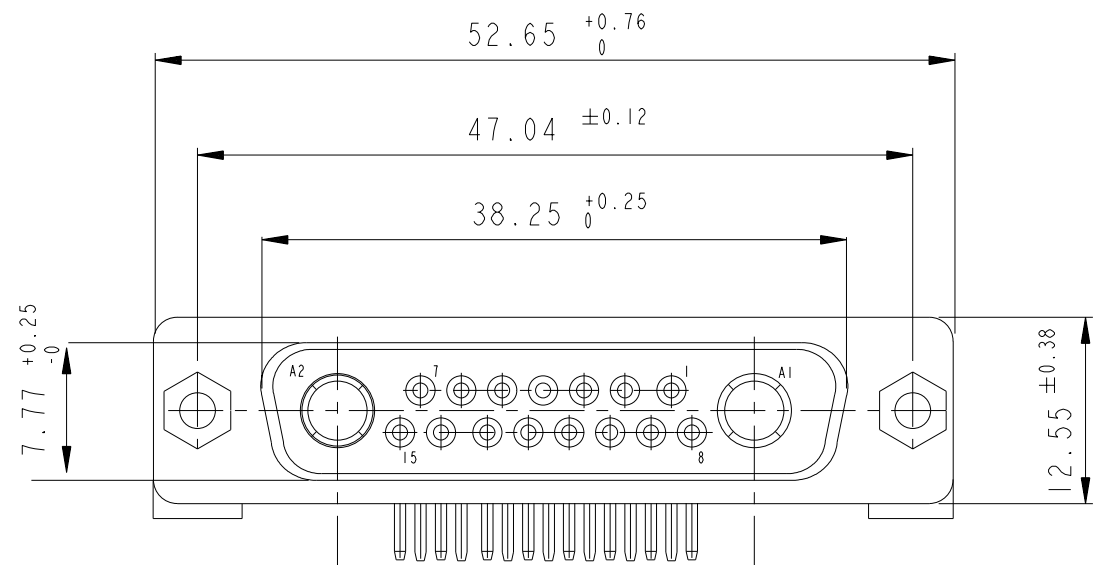
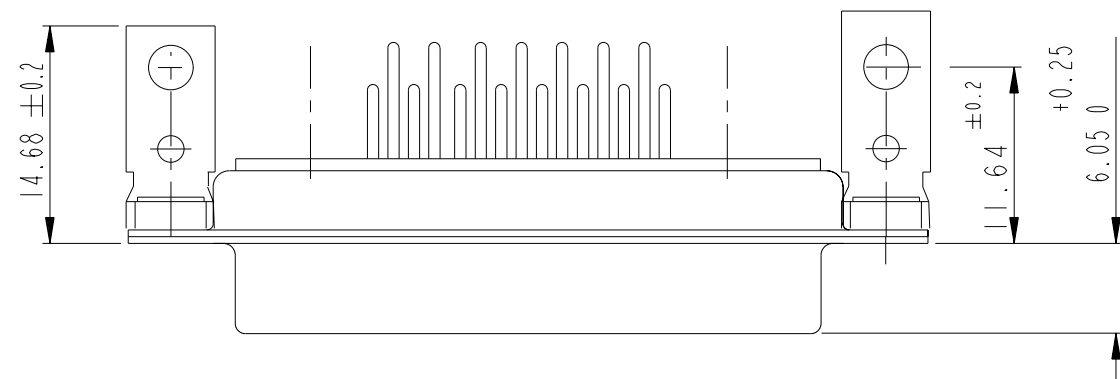
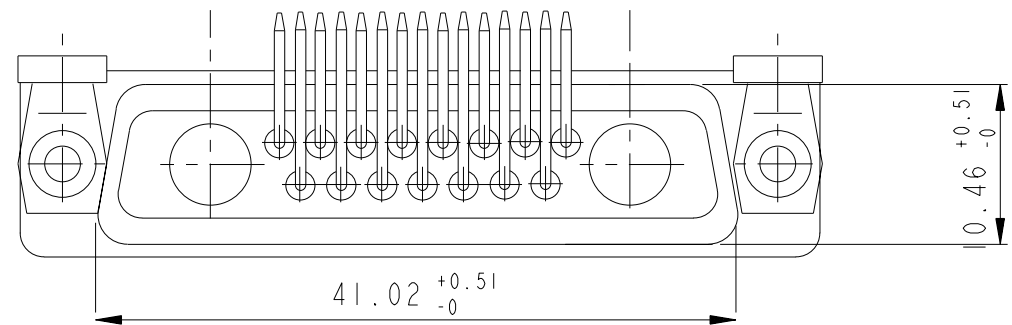
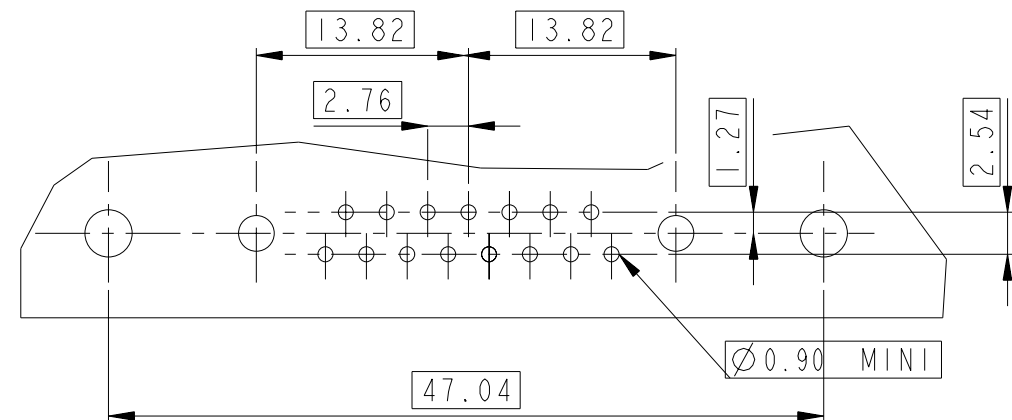
LAYOUT AND CONNECTOR DIMENSIONS

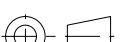


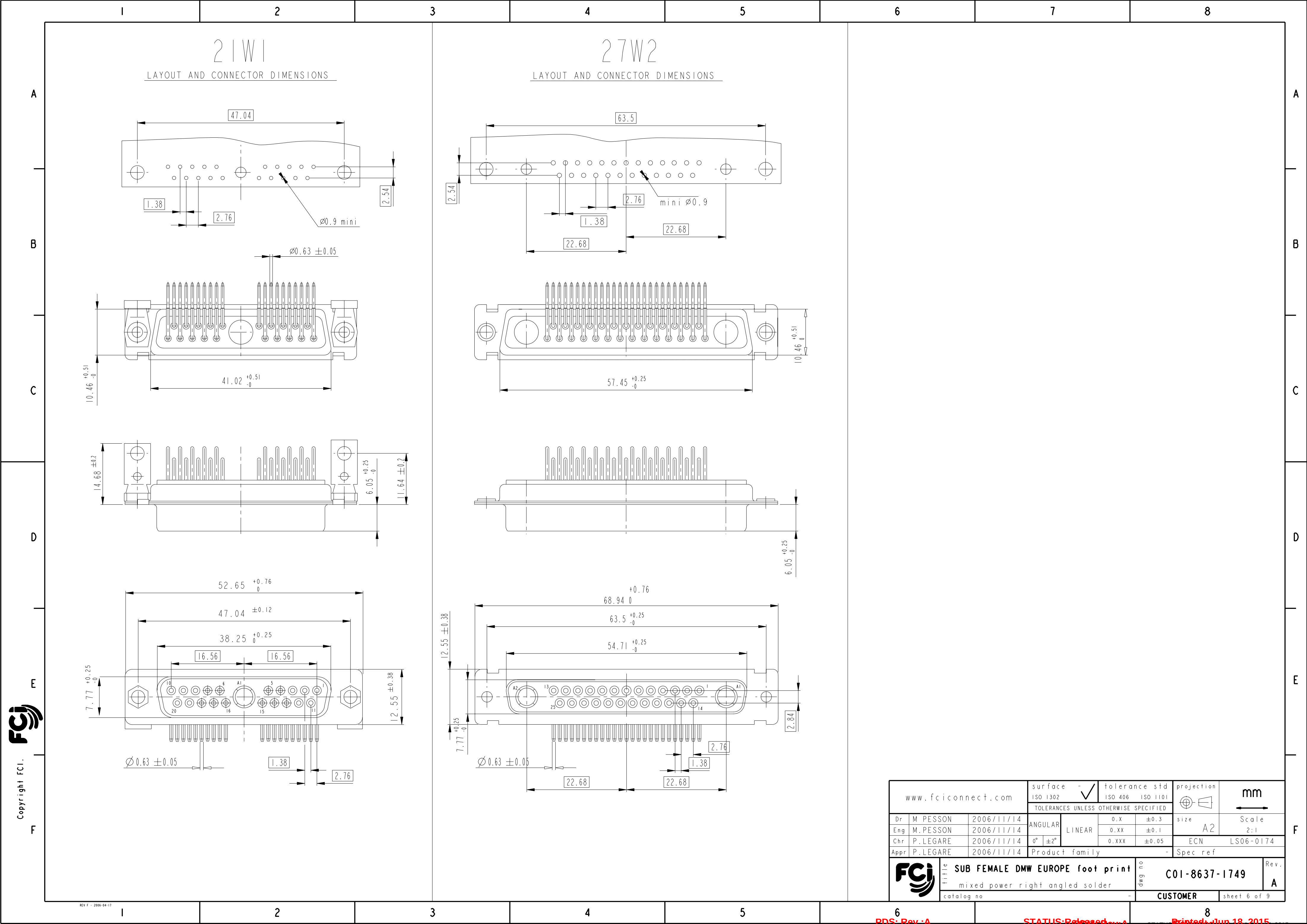
Floating signal contacts

17W2

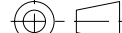
LAYOUT AND CONNECTOR DIMENSIONS



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° ±2°	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.XXX	±0.05				
Appr	P. LEGARE	2006/11/14	Product family				-	ECN LS06-0174		
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	

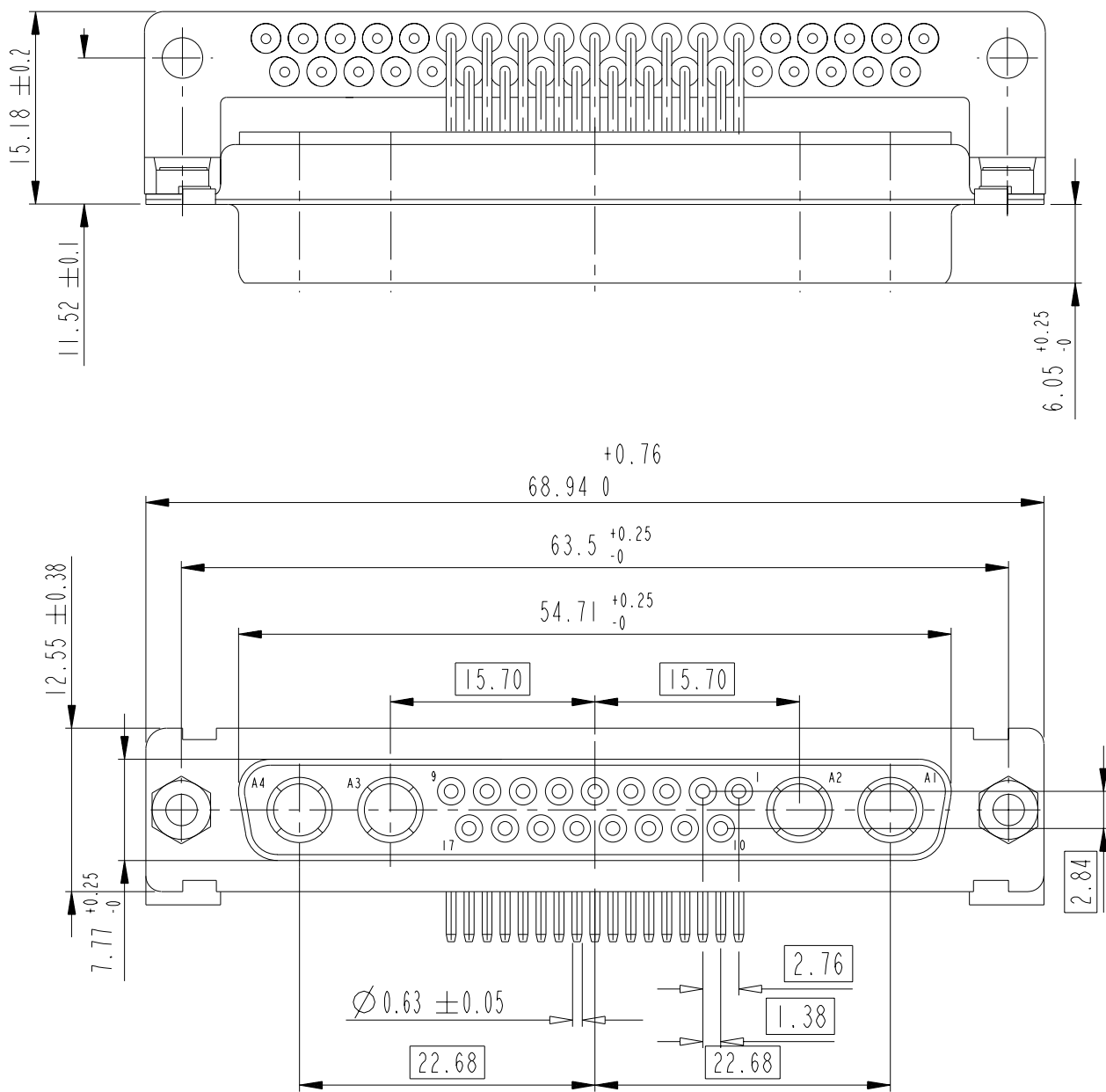
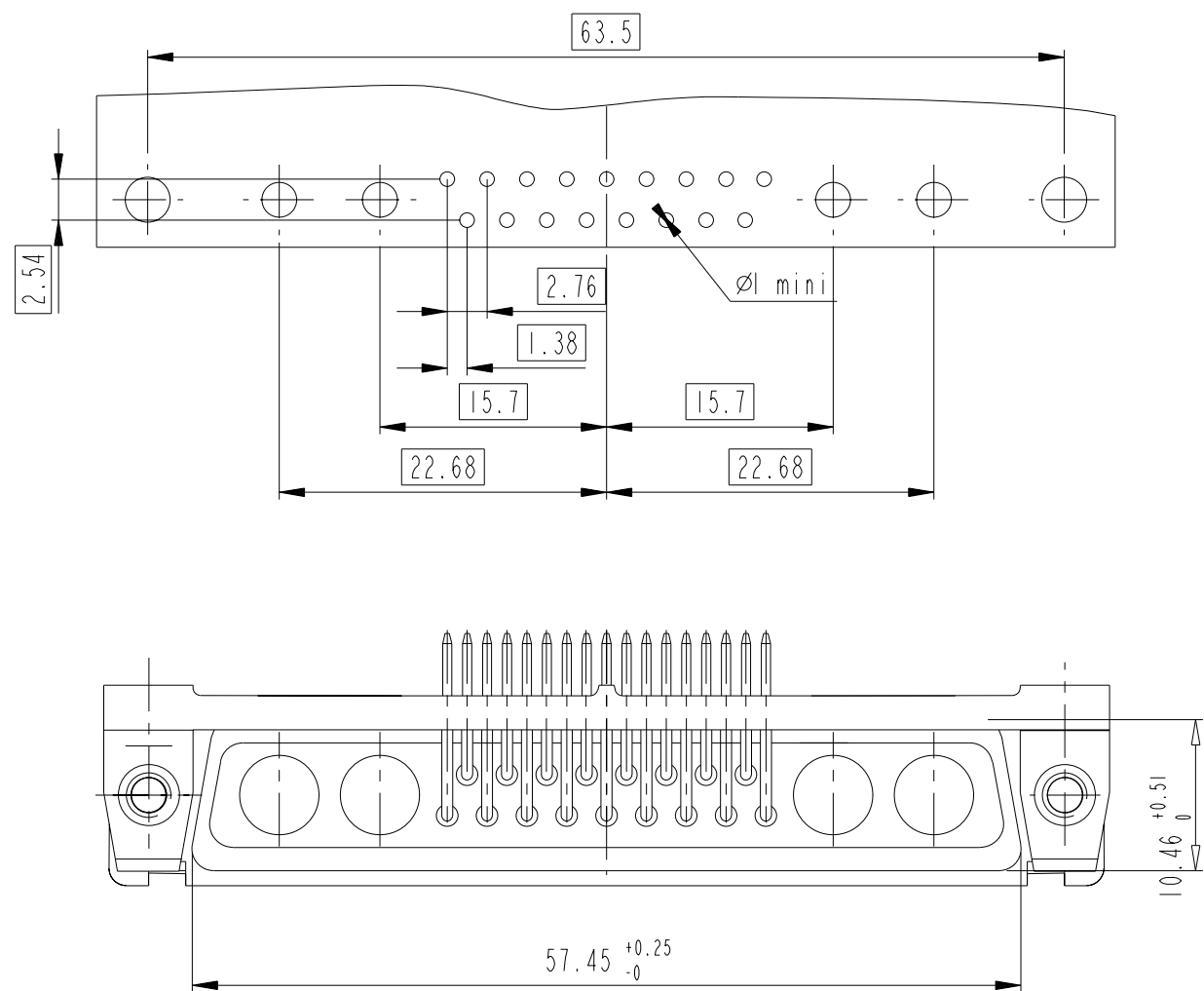


Copyright FCi.

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.XXX ±0.05						
Appr	P. LEGARE	2006/11/14	0° ±2°		ECN		LS06-0174				
			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 6 of 9

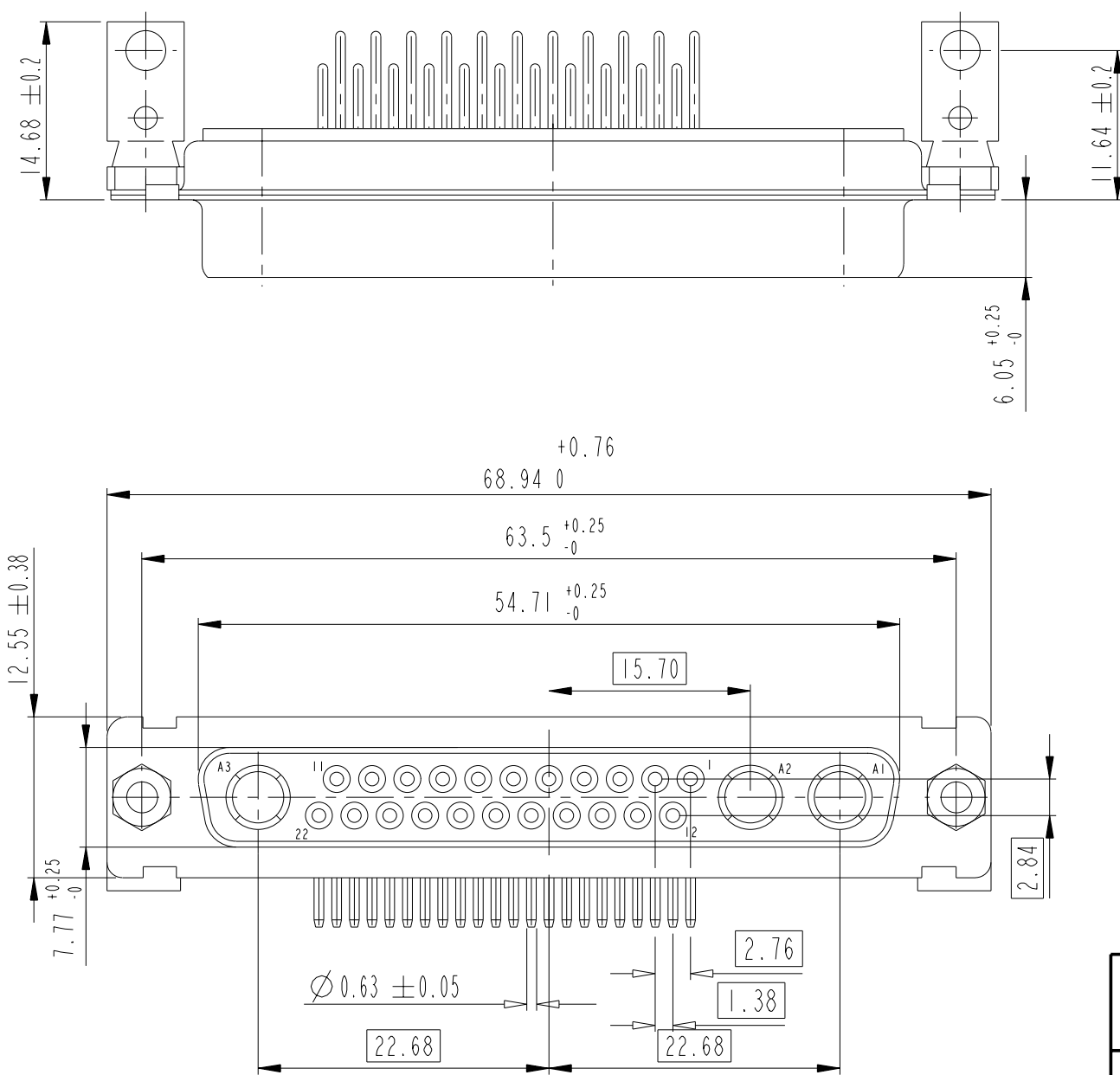
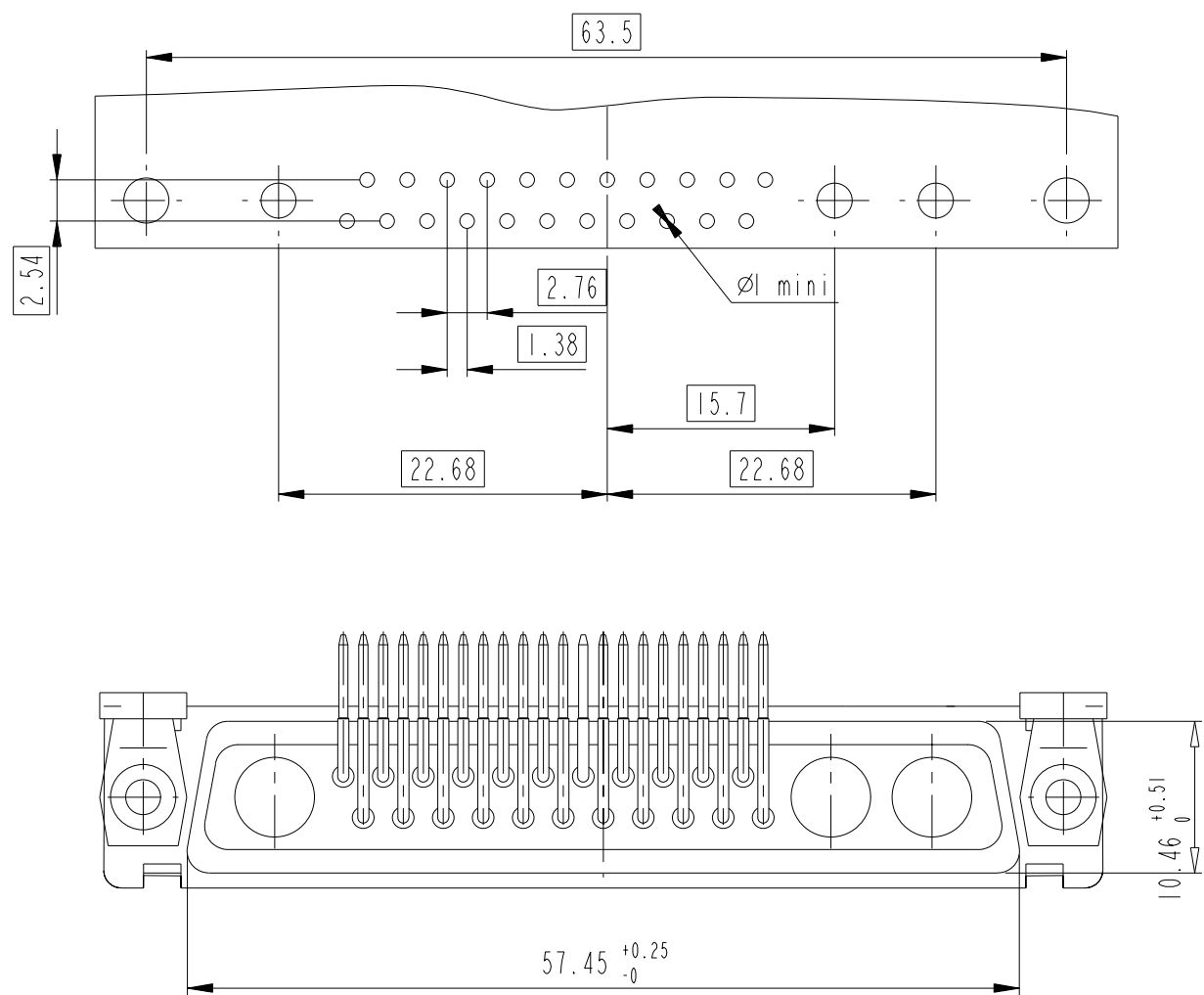
21WA4

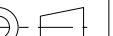
LAYOUT AND CONNECTOR DIMENSIONS



25W3

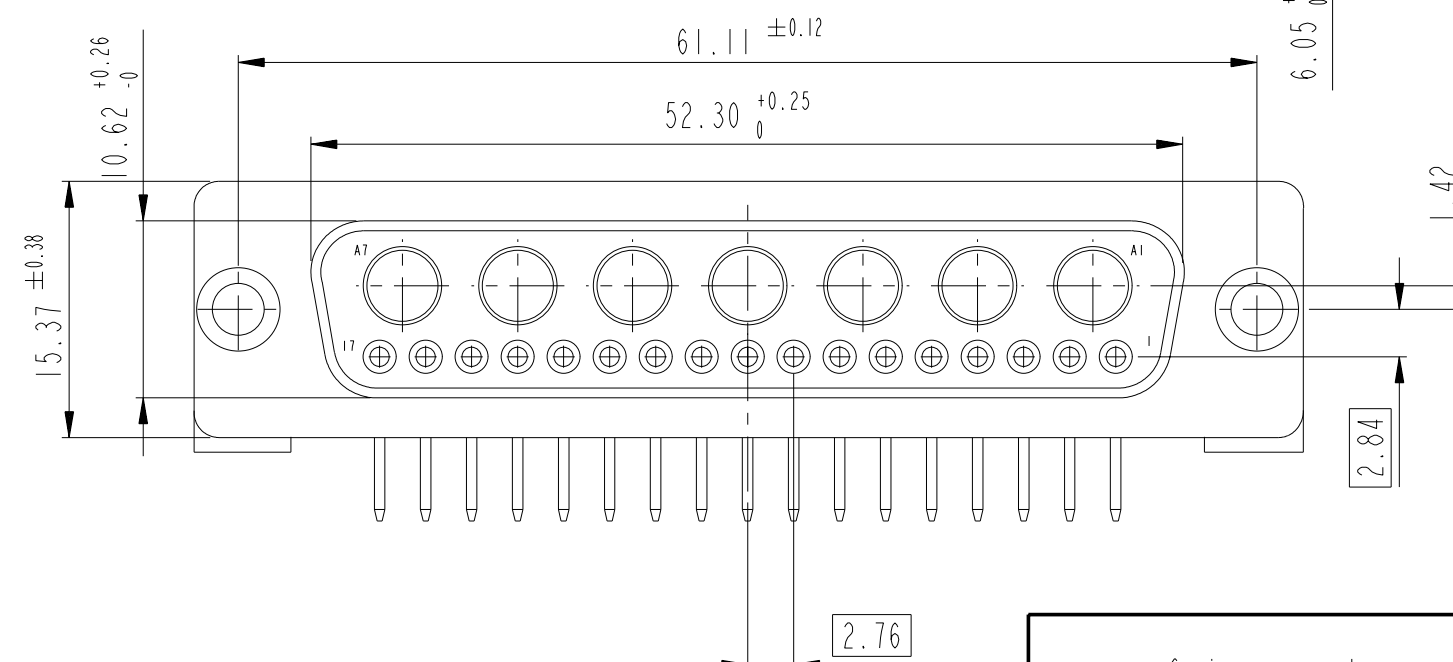
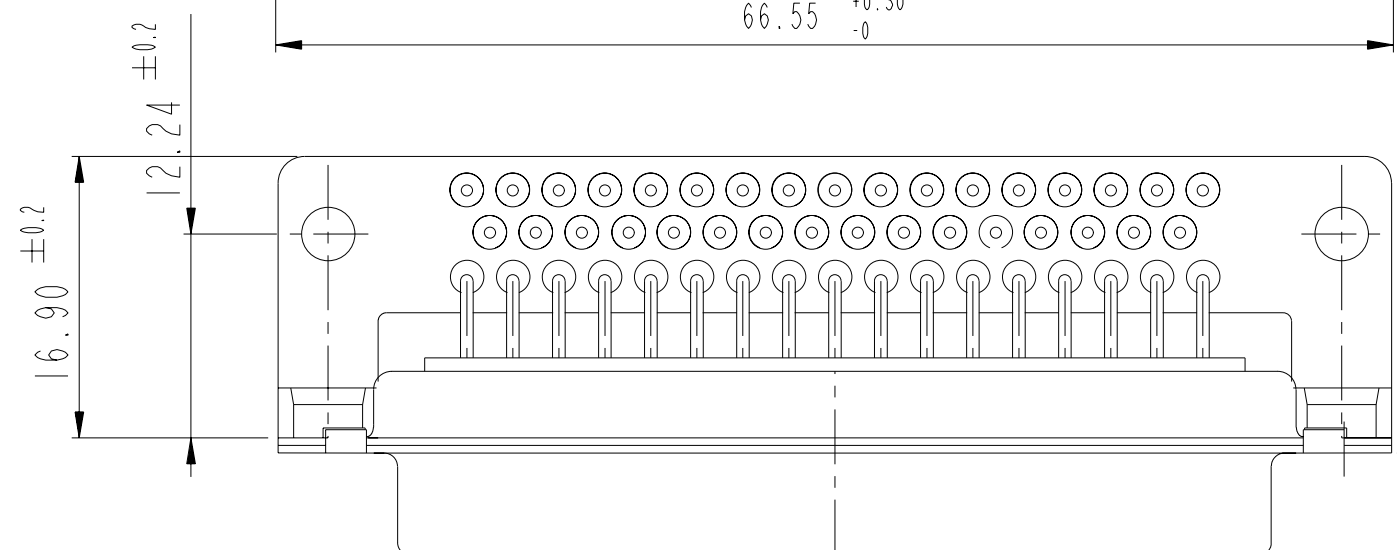
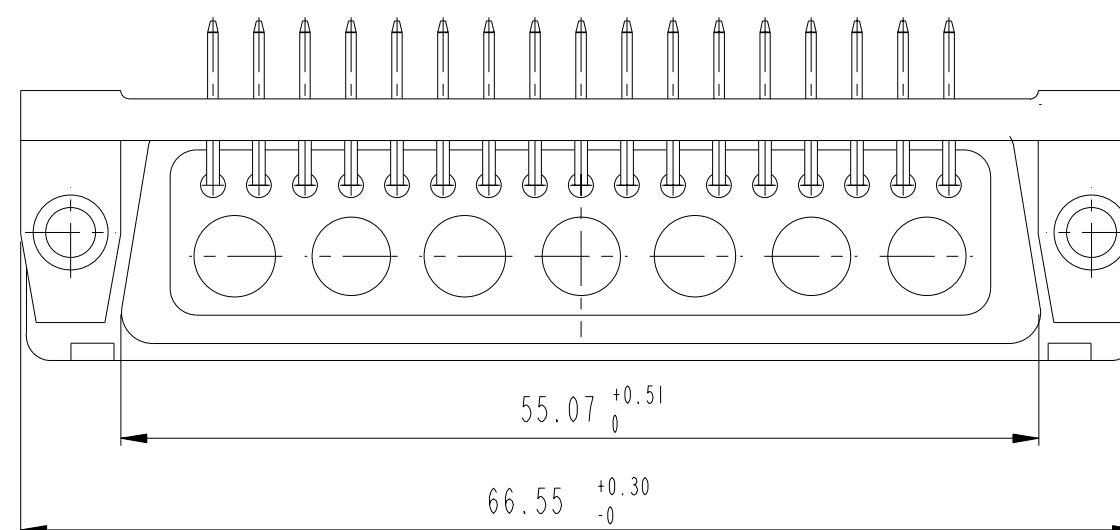
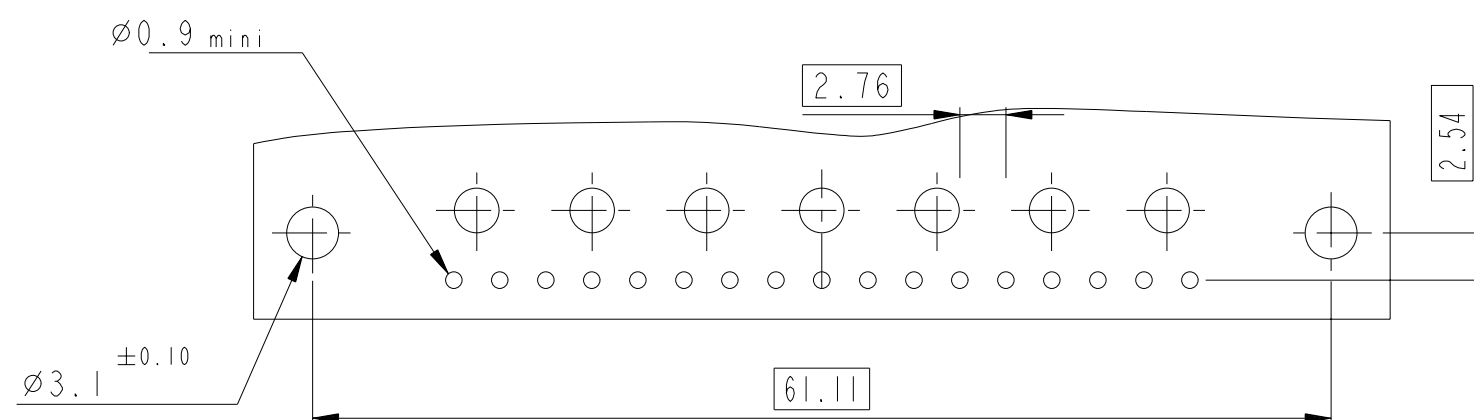
LAYOUT AND CONNECTOR DIMENSIONS



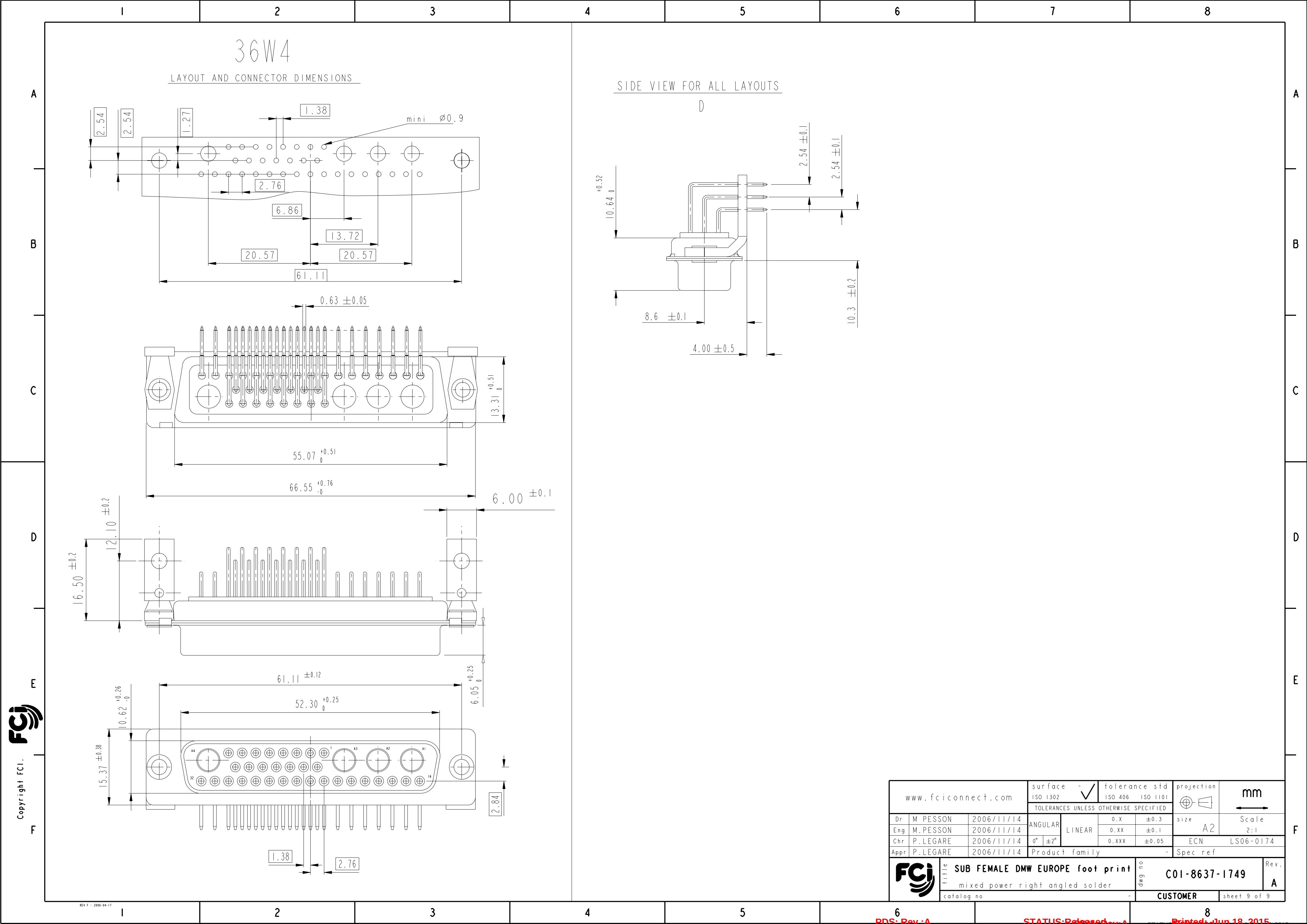
www.fciconnect.com			surface - ☒ ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	M. PESSON	2006/11/14	ANGULAR	LINEAR	0.X ±0.3		size A2	Scale 2:1			
Eng	M. PESSON	2006/11/14			0.XX ±0.1						
Chr	P. LEGARE	2006/11/14	0° ±2°		0.XXX ±0.05		ECN LS06-0174				
Appr	P. LEGARE	2006/11/14	Product family				- Spec ref				
			SUB FEMALE DMW EUROPE foot print				C01-8637-1749			Rev. A	
			mixed power right angled solder								
catalog no							CUSTOMER			sheet 7 of 9	

24W7

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.XXX	±0.05				
Appr	P. LEGARE	2006/11/14	Product family				-	ECN LS06-0174 Spec ref		
			SUB FEMALE DMW EUROPE foot print mixed power right angled solder				C01-8637-1749			Rev A
catalog no			-				CUSTOMER		sheet 8 of 9	



Copyright FCi.