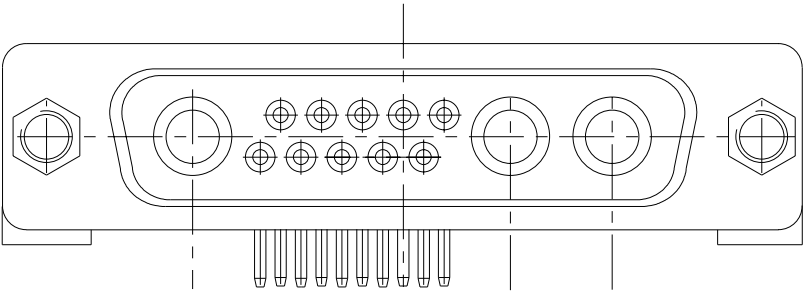
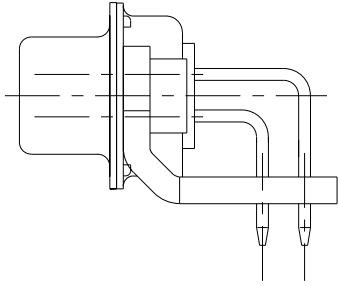
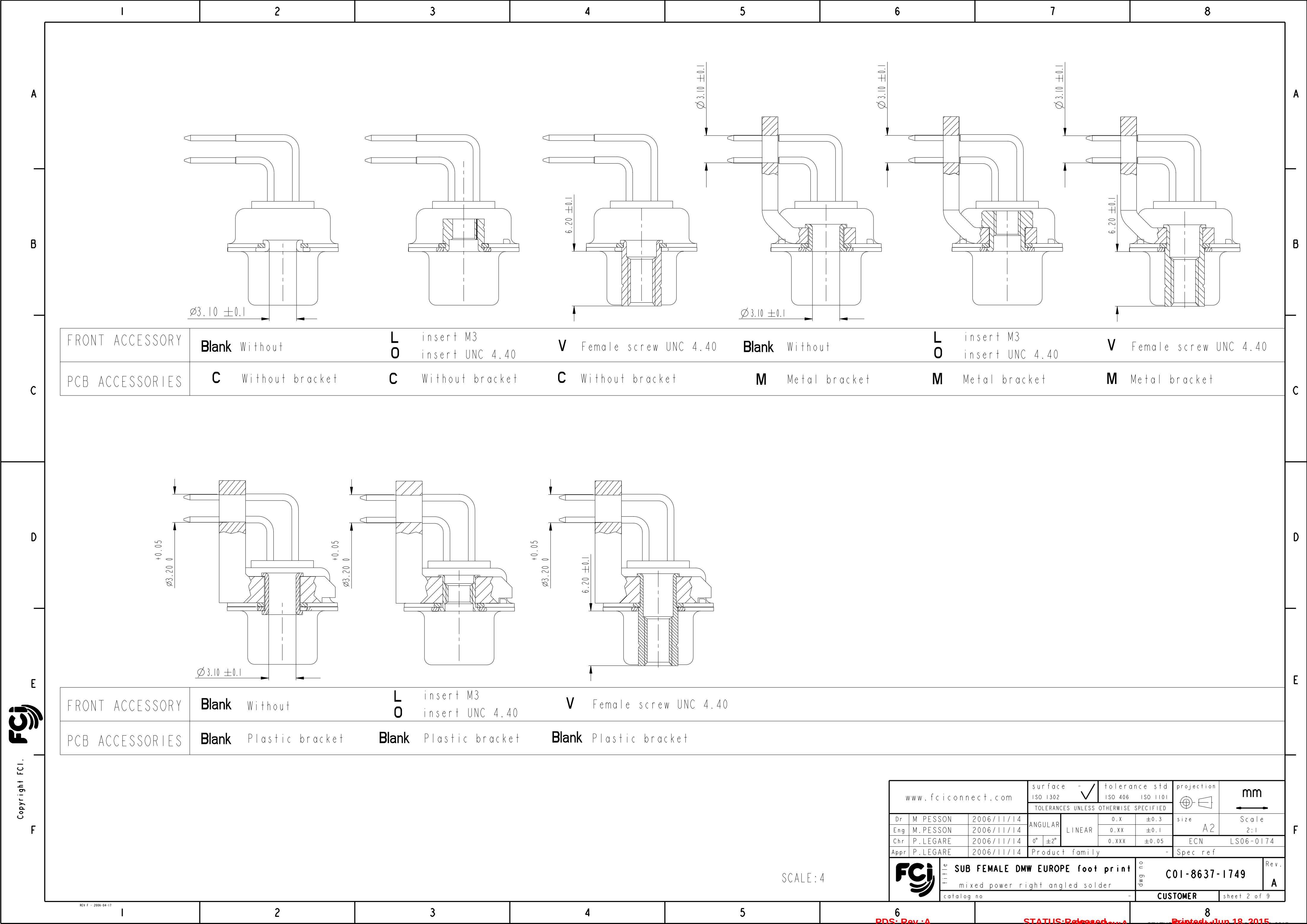


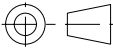
	I	2	3	4	5	6	7	8																																																																																					
A	REFERENCE SPECIFICATIONS -NFC 93425 (in compliance with HE 507) PHYSICAL CHARACTERISTICS -INSULATOR MATERIAL: THERMOPLASTIC UL94V0 -CONTACT MATERIAL: PHOSPHOR BRONZE(SIGNAL CONTACT) GOLD OVER NICKEL -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			A	B	C	D	E	F																																																																												
				  13W3 FOR EXAMPLE		<table><tr><td>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">TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td>size</td><td>Scale</td></tr><tr><td>Dr M.PESSON 2006/11/14</td><td>ANGULAR</td><td>0.X</td><td>±0.3</td><td>A2 2:1</td></tr><tr><td>Eng M.PESSON 2006/11/14</td><td>LINEAR</td><td>0.XX</td><td>±0.1</td><td></td></tr><tr><td>Chr P.LEGARE 2006/11/14</td><td>0° ±2°</td><td>0.XXX</td><td>±0.05</td><td>ECN LS06-0174</td></tr><tr><td>Appr P.LEGARE 2006/11/14</td><td colspan="2">Product family</td><td colspan="2">- Spec ref</td></tr><tr><td colspan="2">FCI</td><td colspan="2">title SUB FEMALE DMW EUROPE foot print</td><td>Rev.</td></tr><tr><td colspan="2"></td><td colspan="2">mixed power right angled solder</td><td>A</td></tr><tr><td colspan="2">catalog no</td><td colspan="2">-</td><td></td></tr></table> <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>dwg no</td><td>C01-8637-1749</td></tr><tr><td>CUSTOMER</td><td>sheet 1 of 9</td></tr></table>				www.fciconnect.com	surface - ISO 1302	tolerance std ISO 406 ISO 1101	projection ISO 1101	mm	TOLERANCES UNLESS OTHERWISE SPECIFIED			size	Scale	Dr M.PESSON 2006/11/14	ANGULAR	0.X	±0.3	A2 2:1	Eng M.PESSON 2006/11/14	LINEAR	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		FCI		title SUB FEMALE DMW EUROPE foot print		Rev.			mixed power right angled solder		A	catalog no		-			rev	ecn no	dr	date	A	LS06-0174	MPE	2006/11/14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	dwg no	C01-8637-1749	CUSTOMER	sheet 1 of 9	6	7	8
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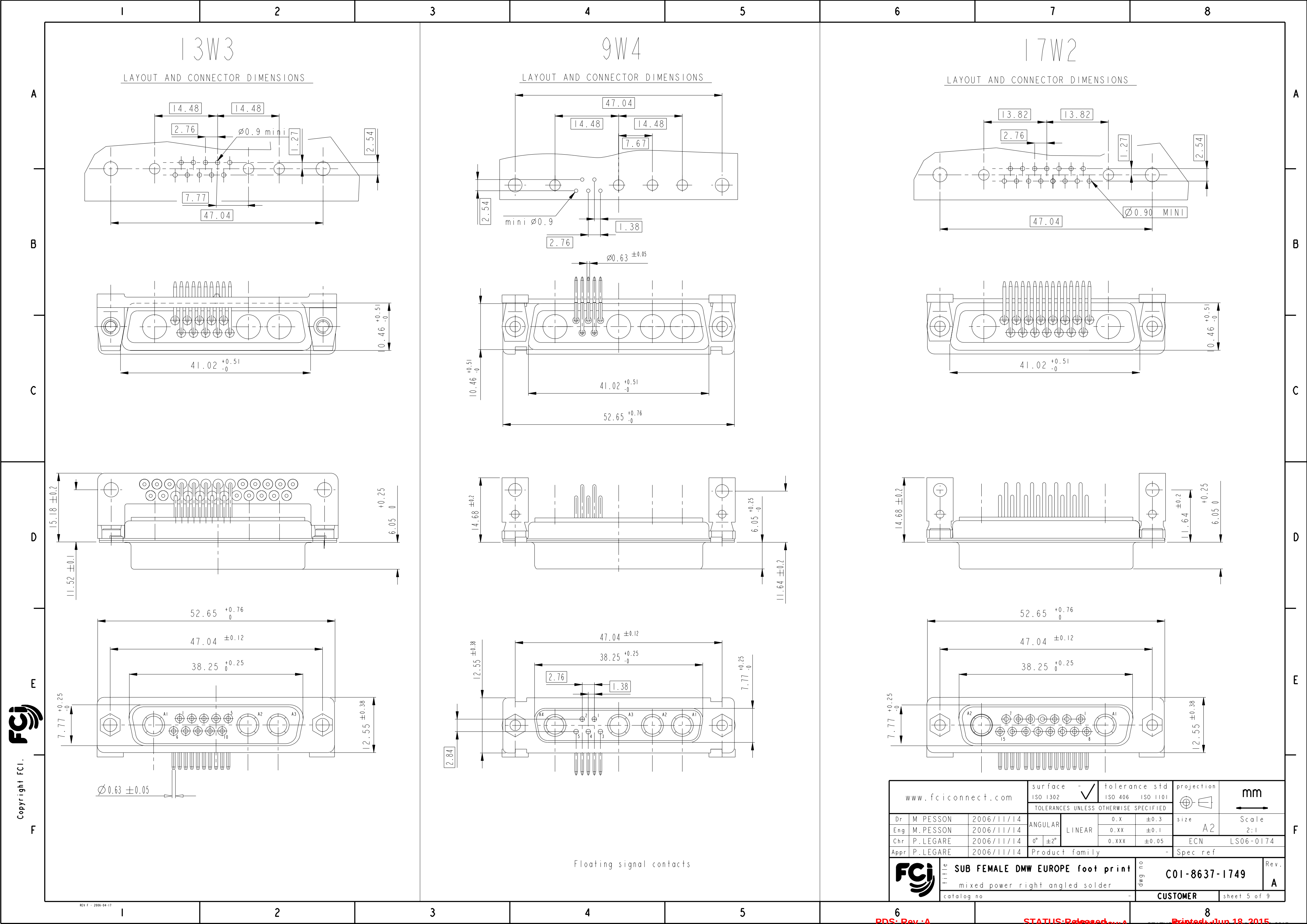


PART NUMBER	MATINGS / UNMATINGS	FRONT ACCESSORY	PCB ACCESSORIES
D*MxWxS500CN	500	without	without
D*MLxWxS500CN	500	insert M3	without
D*MOxWxS500CN	500	insert UNC 4.40	without
D*MVxWxS500CN	500	female screw UNC 4.40	without
D*MxWxS500MN	500	without	metal bracket
D*MLxWxS500MN	500	insert M3	metal bracket
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

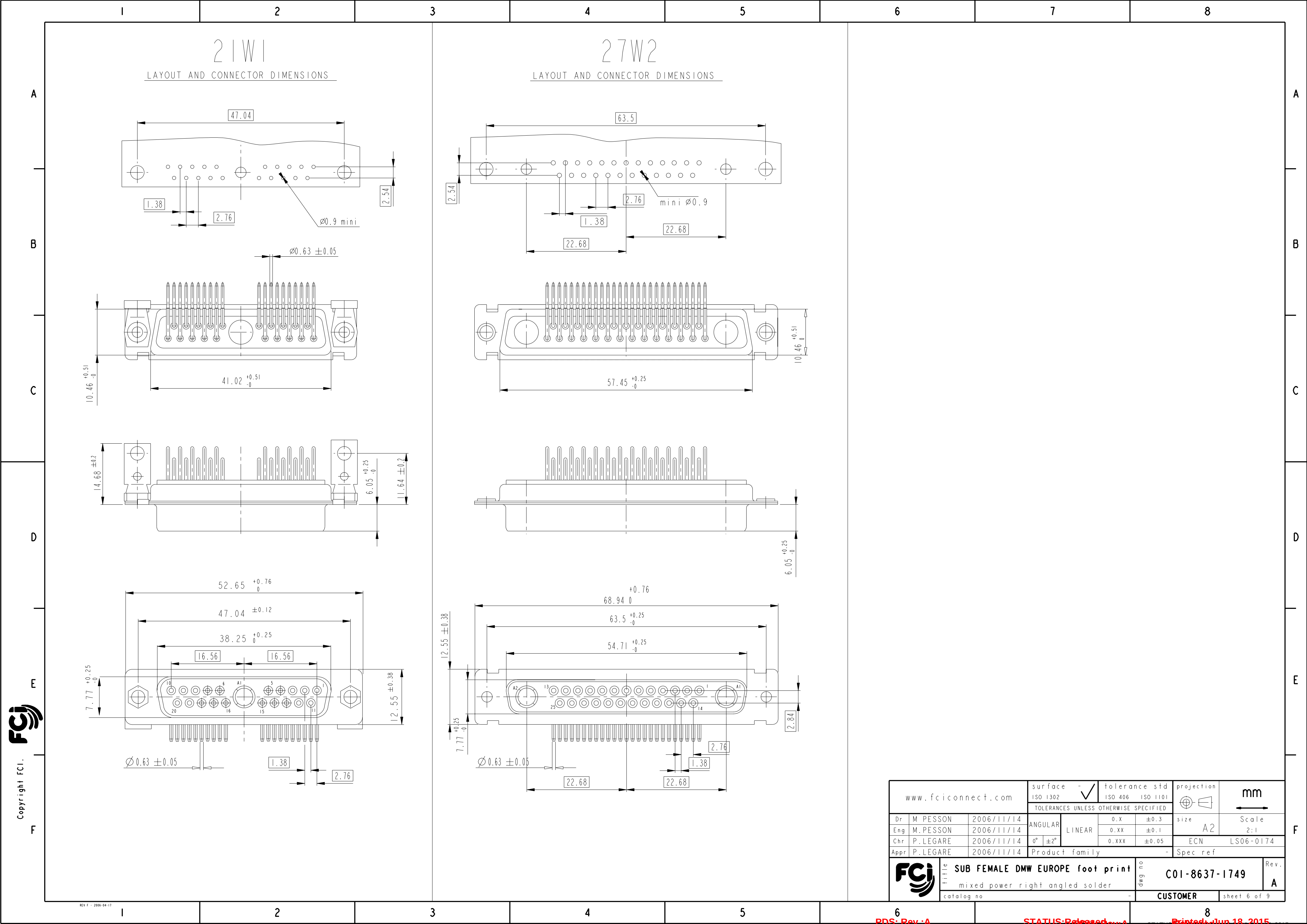
shell size	LAYOUTS
5W1	
11W1	
7W2	
21W1	
17W2	
13W3	
9W4	
25W3	
21WA4	
27W2	
47W1	
24W7	
36W4	

www.fciconnect.com			surface - ☒ ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 		
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 3 of 9		

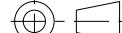


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			ISO 1302		ISO 406 ISO 1101						
TOLERANCES UNLESS OTHERWISE SPECIFIED											
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Eng	M. PESSON	2006/11/14			0.XX		±0.1				
Chr	P. LEGARE	2006/11/14			0° ±2°		0.XXX ±0.05				
Appr	P. LEGARE	2006/11/14	Product family					-		ECN LS06-0174	
								Spec ref			
			SUB FEMALE DMW EUROPE foot print			dwg no			C01-8637-1749		
			mixed power right angled solder						Rev. A		
			catalog no			-			CUSTOMER		sheet 5 of 9

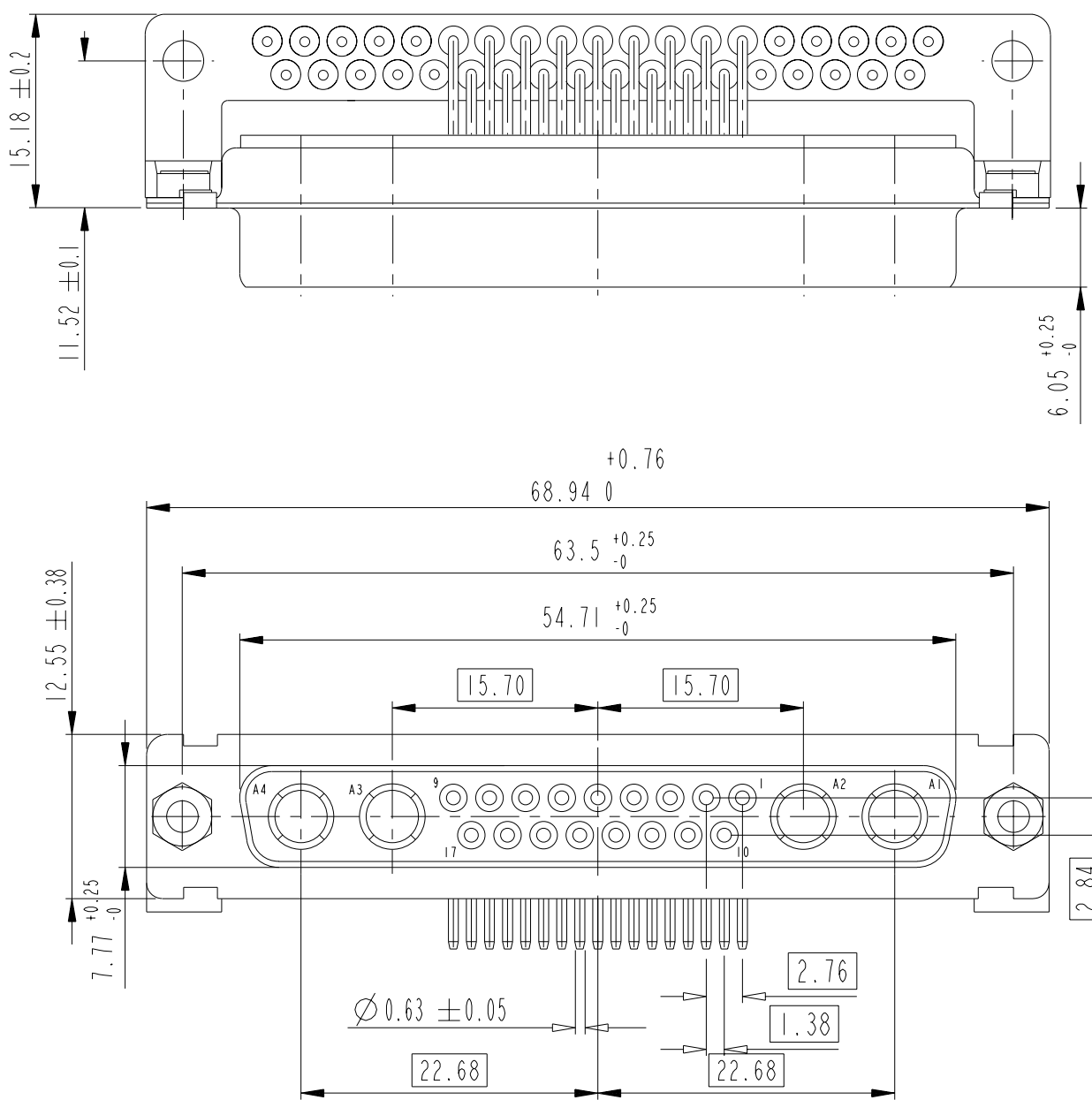
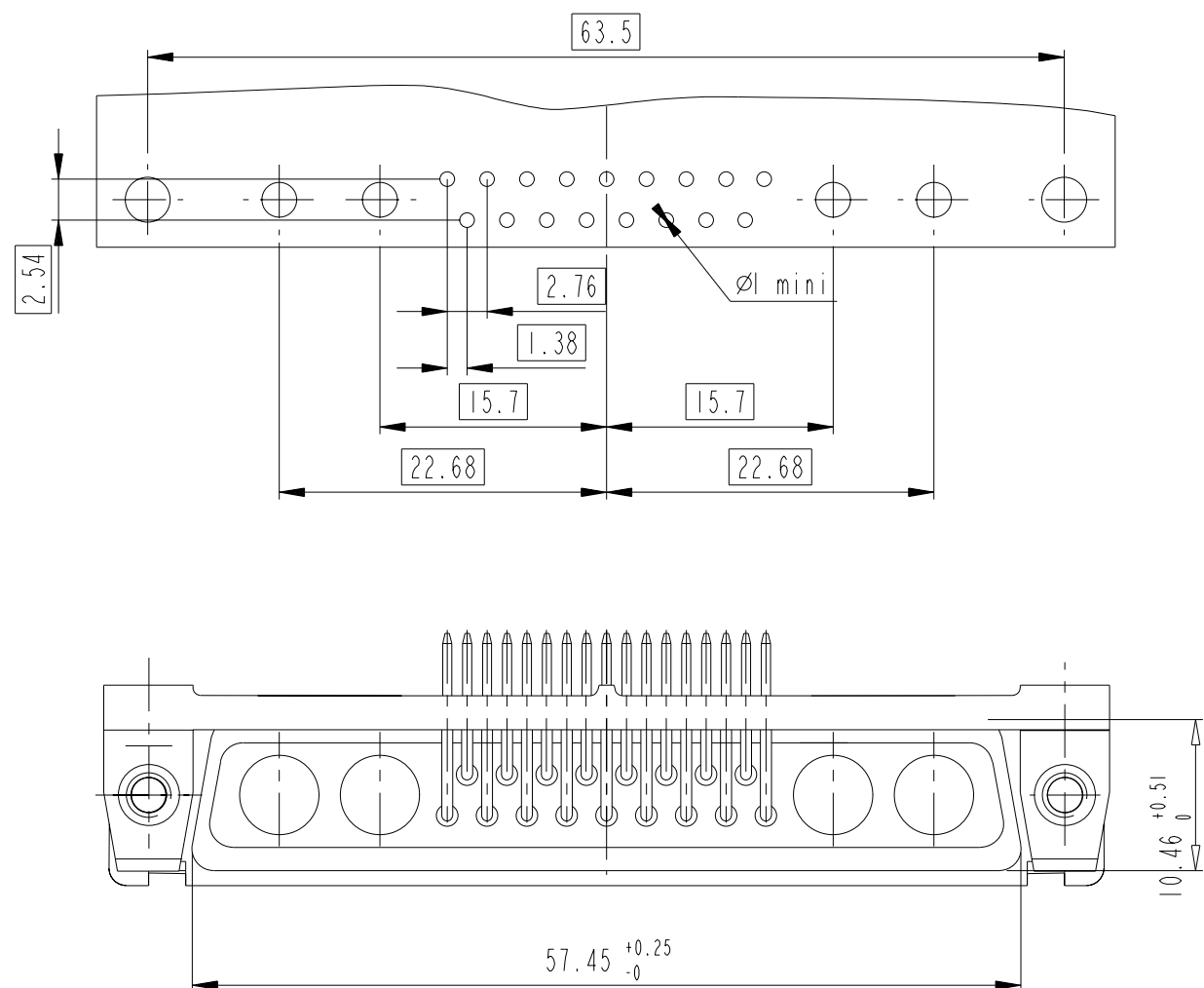


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TOLERANCES UNLESS OTHERWISE SPECIFIED										
Dr	M. PESSON	2006/11/14	ANGULAR	LINEAR	0.X ±0.3		size A2	Scale 2:1		
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Appr	P. LEGARE	2006/11/14	Product family -					Spec ref		
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			mixed power right angled solder							
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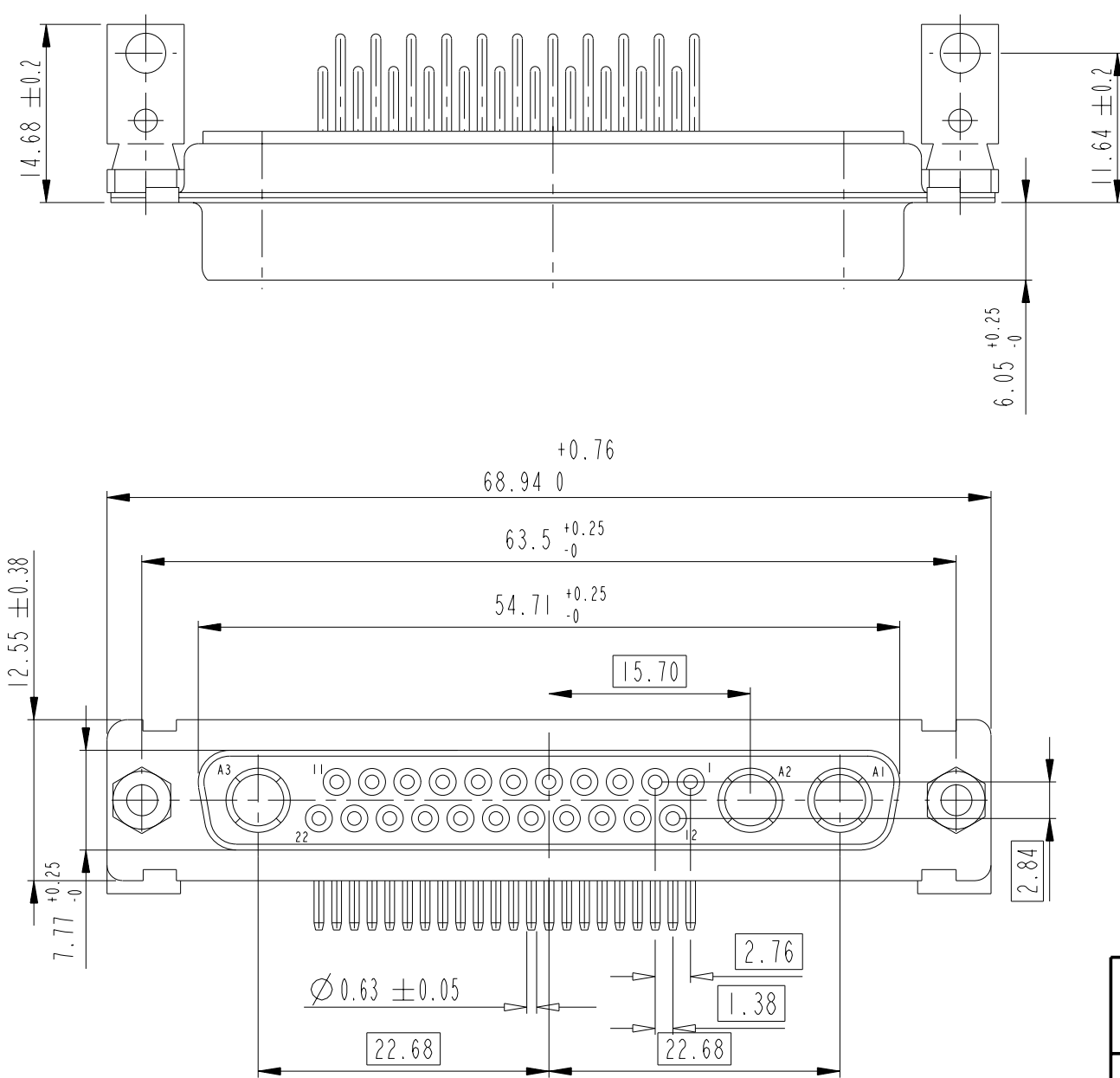
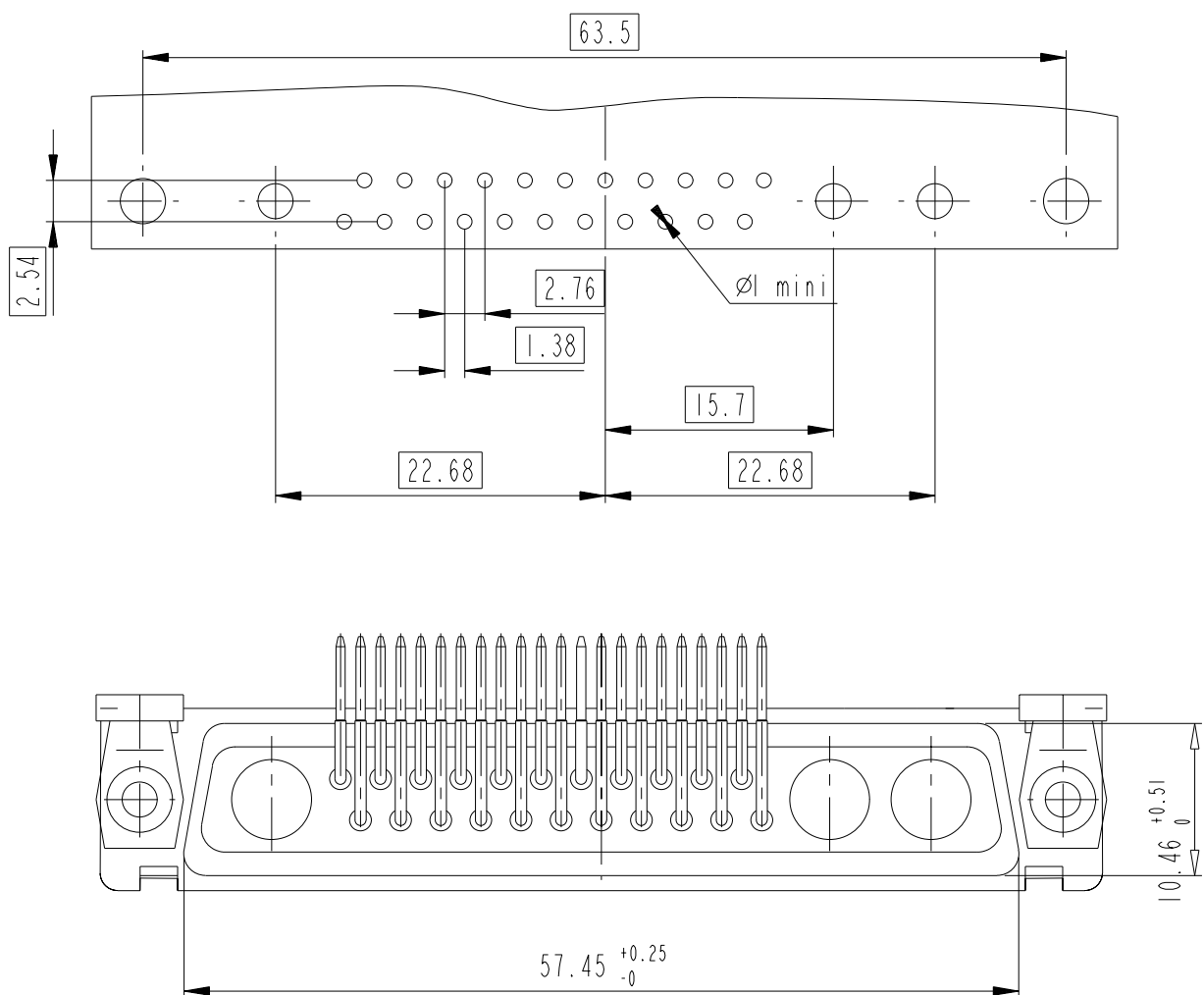
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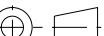
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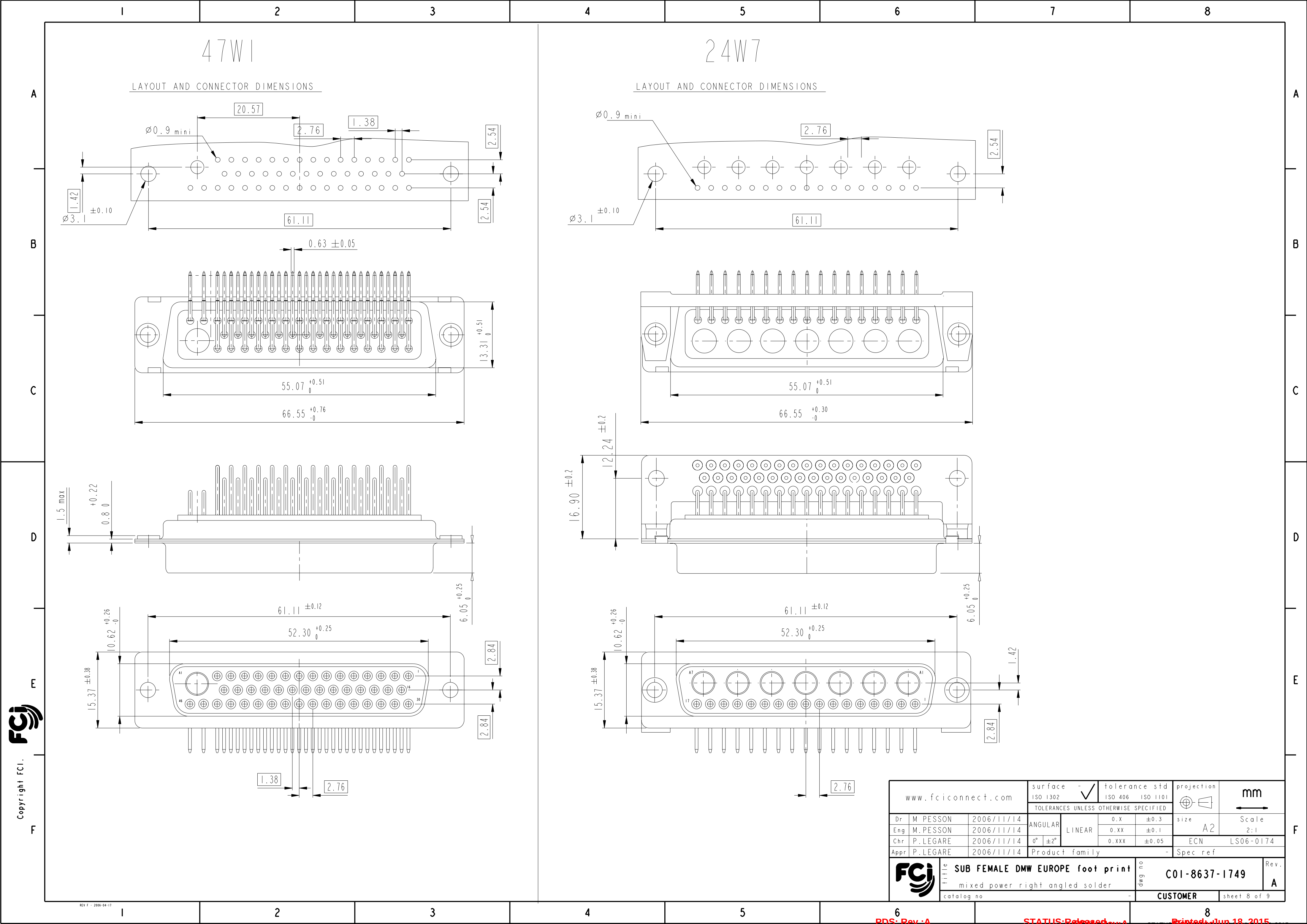


LAYOUT AND CONNECTOR DIMENSIONS

25W3



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Eng	M. PESSON	2006/11/14			0.XX	±0.1		ECN LS06-0174			
Chr	P. LEGARE	2006/11/14			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	



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			TOLERANCES UNLESS OTHERWISE SPECIFIED		size A2	Scale 2:1
Dr	M. PESSON	2006/11/14	ANGULAR	LINEAR	0.X	±0.3
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			Rev. A
			mixed power right angled solder			
catalog no			-			
			CUSTOMER			sheet 8 of 9

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