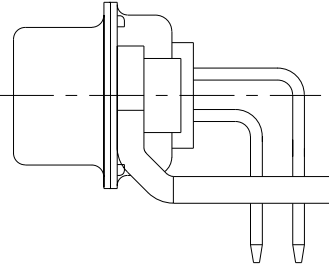
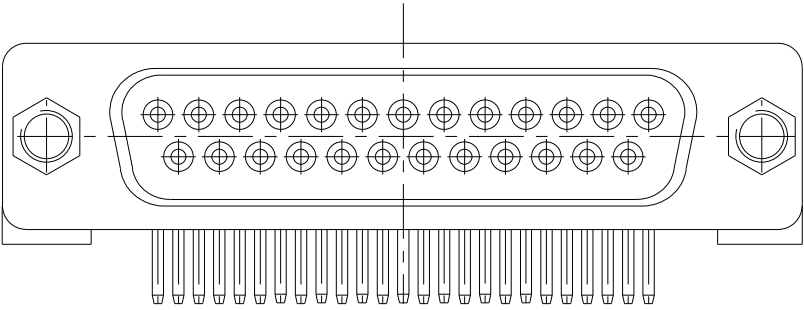
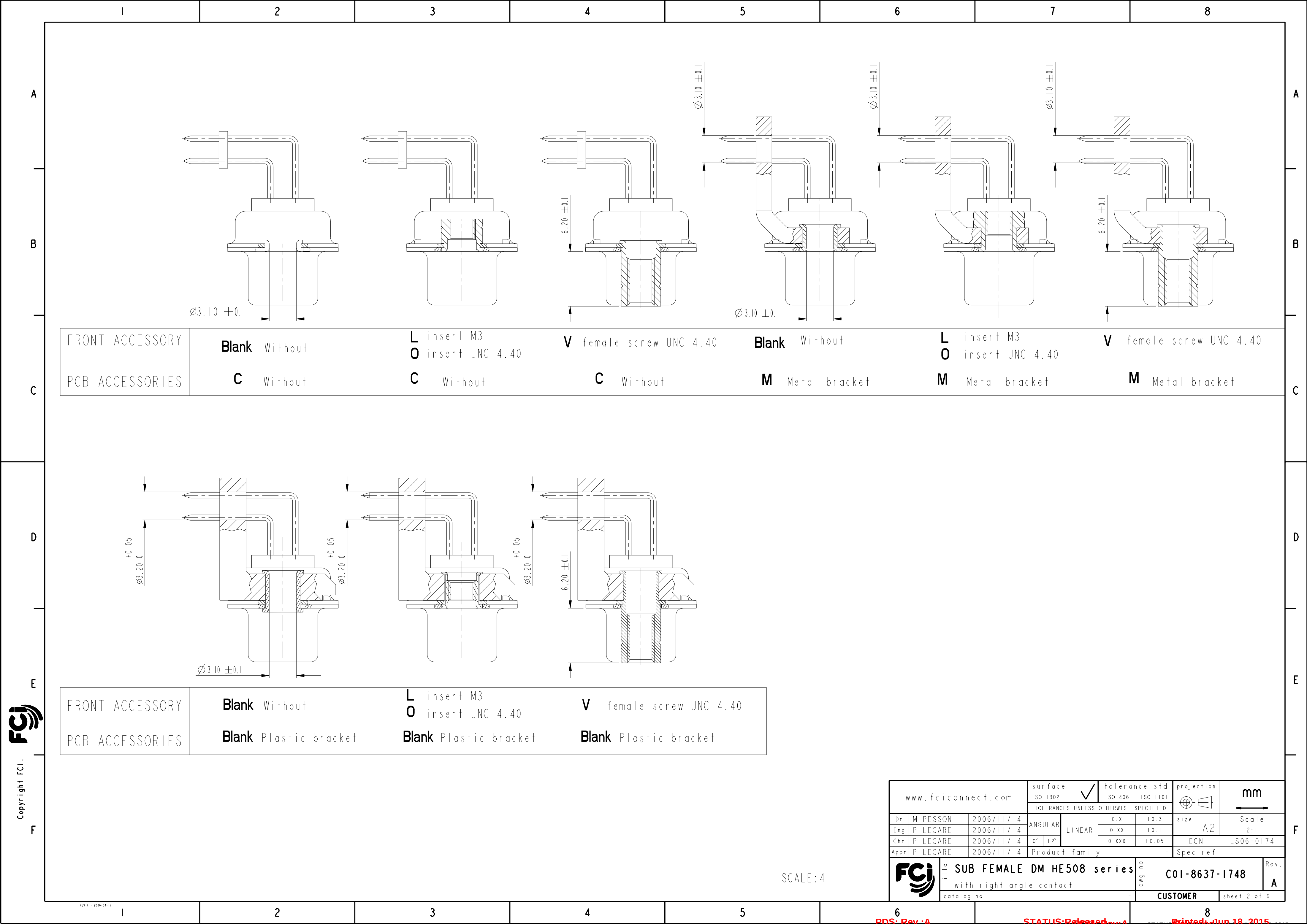


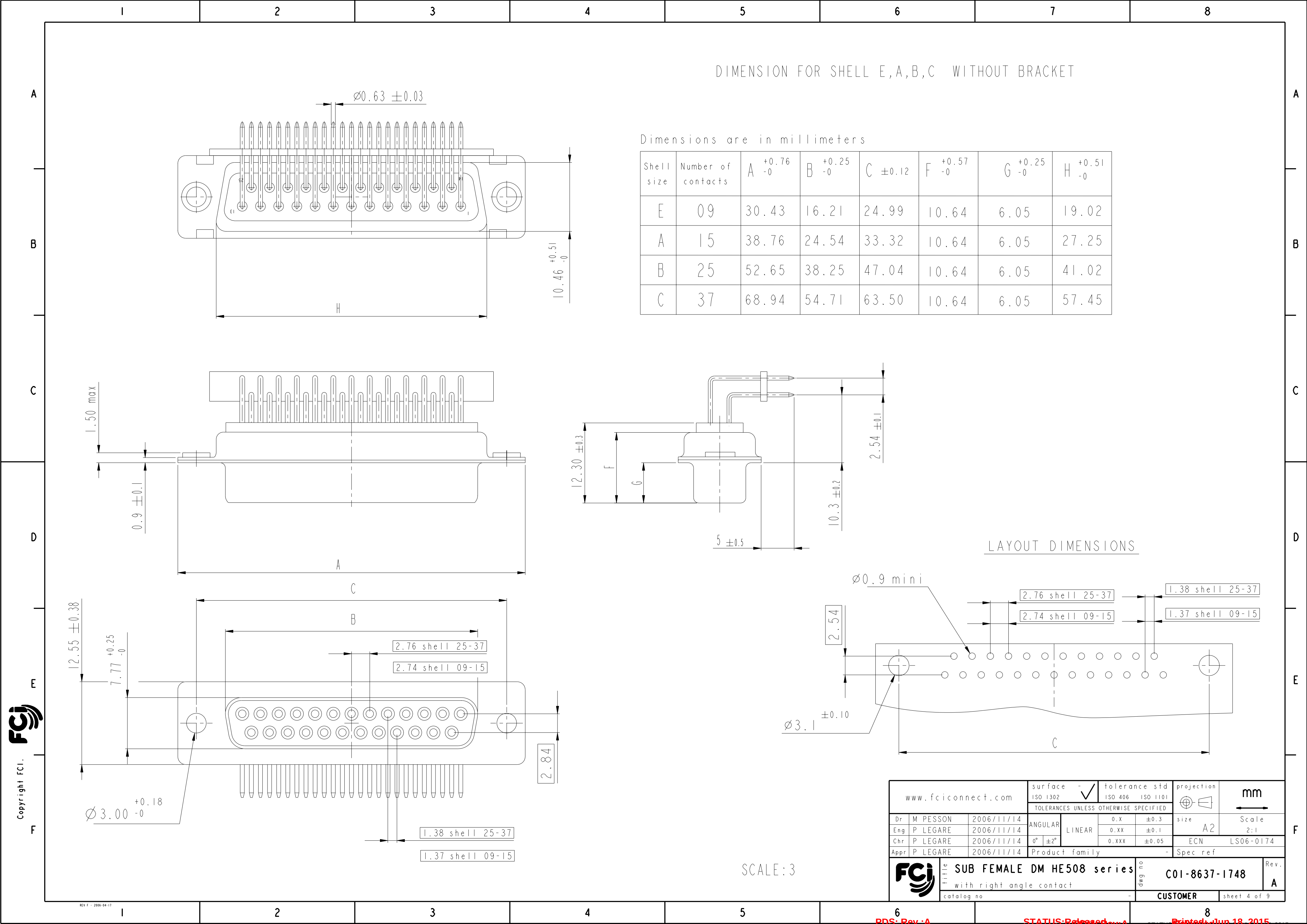
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A	REFERENCE SPECIFICATIONS -NFC 93425 (in compliance with HE 508) PHYSICAL CHARACTERISTICS -INSULATOR MATERIAL: THERMOSET UL94V0 -CONTACT MATERIAL: BRASS GOLD OVER NICKEL -ACCESSORIES: STEEL FOR METAL BRACKETS Cadmium plated, yellow passivation THERMOPLASTIC UL94V0 FOR PLASTIC BRACKETS BRASS FOR OTHERS ACCESSORIES 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: 55/155/56 TEMPERATURE RANGE -55°C TO +155°C DAMP HEAT STEADY STATE 56 DAYS SALT SPRAY 48 HOURS MECHANICAL CHARACTERISTICS RETENTION AGAINST TORQUE: -Threaded insert:0.7 N.m min -Female screw:0.5 N.m min			Series DBML25S500MN Shell size: E A B C D (see sheet 3) 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) 9,15,25,37,50 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 Obligatory for HE508					A																																																																																										
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E				 25 WAY 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></table> <table><tr><td>Dr</td><td>M PESSON</td><td>2006/11/14</td></tr><tr><td>Eng</td><td>P LEGARE</td><td>2006/11/14</td></tr><tr><td>Chr</td><td>P LEGARE</td><td>2006/11/14</td></tr><tr><td>Appr</td><td>P LEGARE</td><td>2006/11/14</td></tr></table> <table><tr><td colspan="2">www.fciconnect.com</td><td>surface - ISO 1302</td><td>tolerance std ISO 406 ISO 1101</td><td>projection</td><td>mm</td></tr><tr><td colspan="2"></td><td colspan="2">TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td></td><td></td></tr><tr><td>ANGULAR</td><td>LINEAR</td><td>0.X</td><td>±0.3</td><td>size A2</td><td>Scale 2:1</td></tr><tr><td>0° ±2°</td><td></td><td>0.XX</td><td>±0.1</td><td></td><td></td></tr><tr><td></td><td></td><td>0.XXX</td><td>±0.05</td><td>ECN LS06-0174</td><td></td></tr><tr><td colspan="4">Product family</td><td>-</td><td>Spec ref</td></tr></table> <table><tr><td>FCi</td><td>title SUB FEMALE DM HE508 series</td><td>dwg no C01-8637-1748</td><td>Rev. A</td></tr><tr><td colspan="2">with right angle contact</td><td></td><td></td></tr><tr><td colspan="2">catalog no</td><td>-</td><td></td></tr></table> <table><tr><td>CUSTOMER</td><td>sheet 1 of 9</td></tr></table>					rev	ecn no	dr	date	A	LS06-0174	MPE	2006/11/14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Dr	M PESSON	2006/11/14	Eng	P LEGARE	2006/11/14	Chr	P LEGARE	2006/11/14	Appr	P LEGARE	2006/11/14	www.fciconnect.com		surface - ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm			TOLERANCES UNLESS OTHERWISE SPECIFIED				ANGULAR	LINEAR	0.X	±0.3	size A2	Scale 2:1	0° ±2°		0.XX	±0.1					0.XXX	±0.05	ECN LS06-0174		Product family				-	Spec ref	FCi	title SUB FEMALE DM HE508 series	dwg no C01-8637-1748	Rev. A	with right angle contact				catalog no		-		CUSTOMER	sheet 1 of 9	E
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FCi
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FRONT ACCESSORY	Blank Without	L insert M3 O insert UNC 4.40	V female screw UNC 4.40
PCB ACCESSORIES	Blank Plastic bracket	Blank Plastic bracket	Blank Plastic bracket

www.fciconnect.com			surface - ISO 1302	tolerance std ISO 406 ISO 1101	projection TOLERANCES UNLESS OTHERWISE SPECIFIED	mm
Dr	M PESSON	2006/11/14	ANGULAR	0.X ±0.3	size A2	Scale 2:1
Eng	P LEGARE	2006/11/14	LINEAR	0.XX ±0.1	ECN LS06-0174	
Chr	P LEGARE	2006/11/14	0° ±2°	0.XXX ±0.05	Spec ref	
Appr	P LEGARE	2006/11/14	Product family	-		
FCi			SUB FEMALE DM HE508 series			Rev. A
with right angle contact			C01-8637-1748			
catalog no			CUSTOMER			sheet 2 of 9

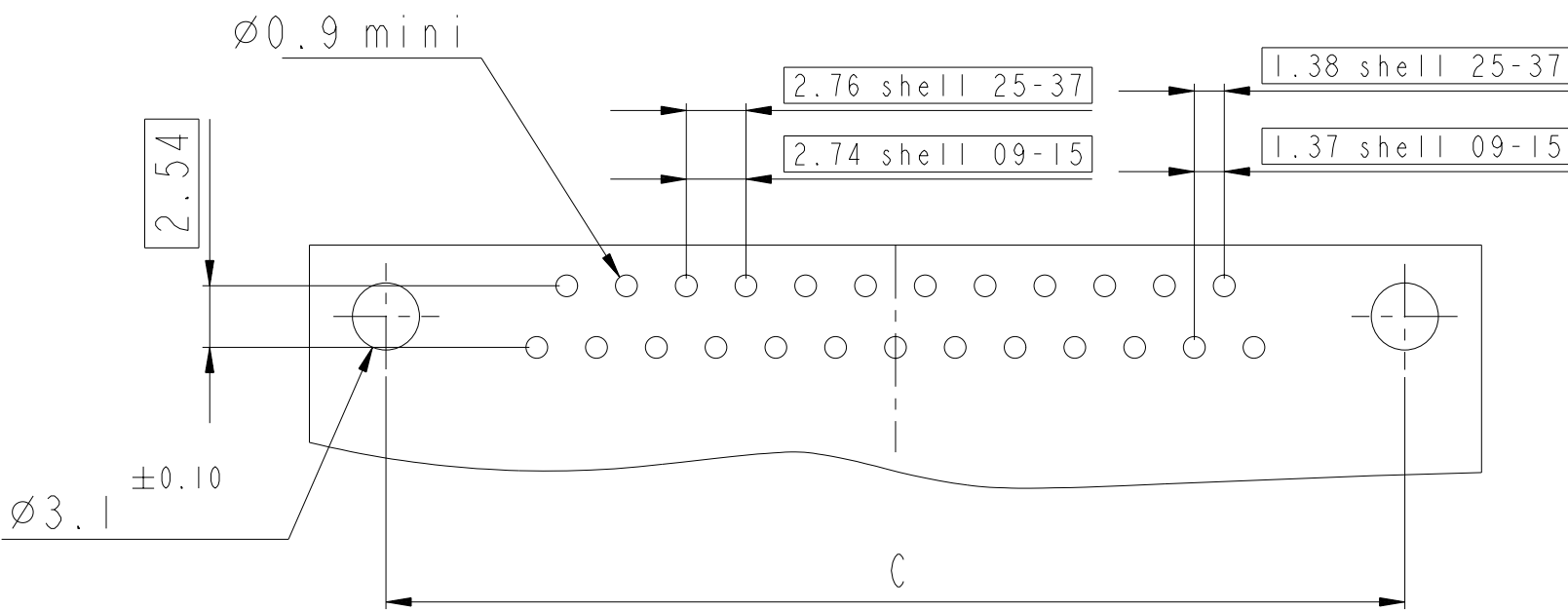


DIMENSION FOR SHELL E,A,B,C WITHOUT BRACKET

Dimensions are in millimeters

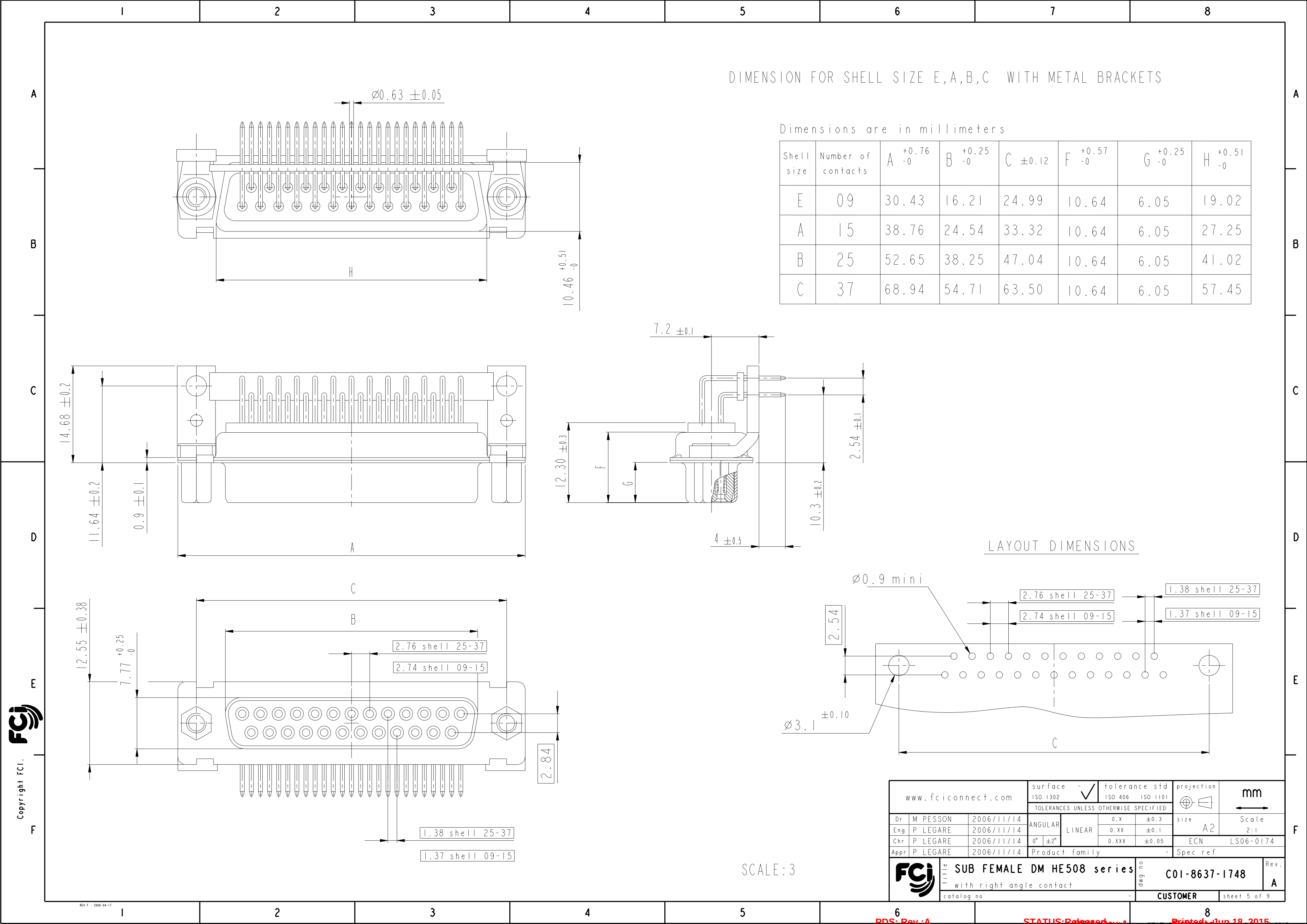
Shell size	Number of contacts	A ^{+0.76 -0}	B ^{+0.25 -0}	C ^{±0.12}	F ^{+0.57 -0}	G ^{+0.25 -0}	H ^{+0.51 -0}
E	09	30.43	16.21	24.99	10.64	6.05	19.02
A	15	38.76	24.54	33.32	10.64	6.05	27.25
B	25	52.65	38.25	47.04	10.64	6.05	41.02
C	37	68.94	54.71	63.50	10.64	6.05	57.45

LAYOUT DIMENSIONS



SCALE: 3

www.fciconnect.com			surface ISO 1302	-	tolerance std ISO 406	ISO 1101	projection TOLERANCES UNLESS OTHERWISE SPECIFIED	mm
Dr	M PESSON	2006/11/14	ANGULAR		0.X	±0.3	size	Scale
Eng	P LEGARE	2006/11/14		LINEAR	0.XX	±0.1	A2	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 DM HE508 series			dwg no	C01-8637-1748	Rev.
			with right angle contact					A
			catalog no			-	CUSTOMER	sheet 4 of 9



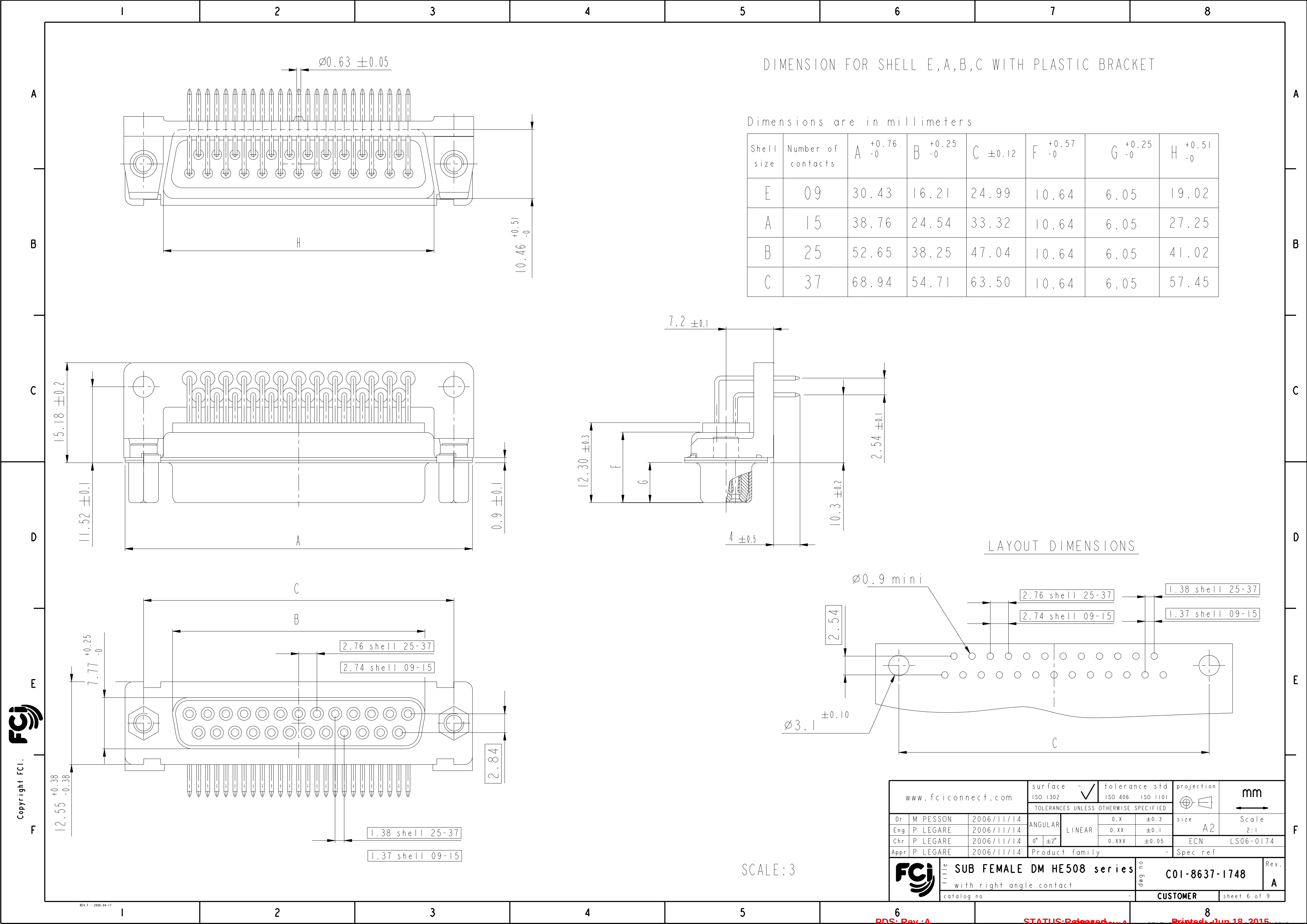
DIMENSION FOR SHELL SIZE E,A,B,C WITH METAL BRACKETS

Dimensions are in millimeters

Shell size	Number of contacts	A ^{+0.76 -0}	B ^{+0.25 -0}	C ^{±0.12}	F ^{+0.57 -0}	G ^{+0.25 -0}	H ^{+0.51 -0}
E	09	30.43	16.21	24.99	10.64	6.05	19.02
A	15	38.76	24.54	33.32	10.64	6.05	27.25
B	25	52.65	38.25	47.04	10.64	6.05	41.02
C	37	68.94	54.71	63.50	10.64	6.05	57.45

LAYOUT DIMENSIONS

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	LINEAR	0.X	±0.3	size A2	Scale 2:1
Eng	P LEGARE	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	
FCI			SUB FEMALE DM HE508 series			dwg no	C01-8637-1748	
			with right angle contact			Rev.	A	
			catalog no			-	CUSTOMER	sheet 5 of 9

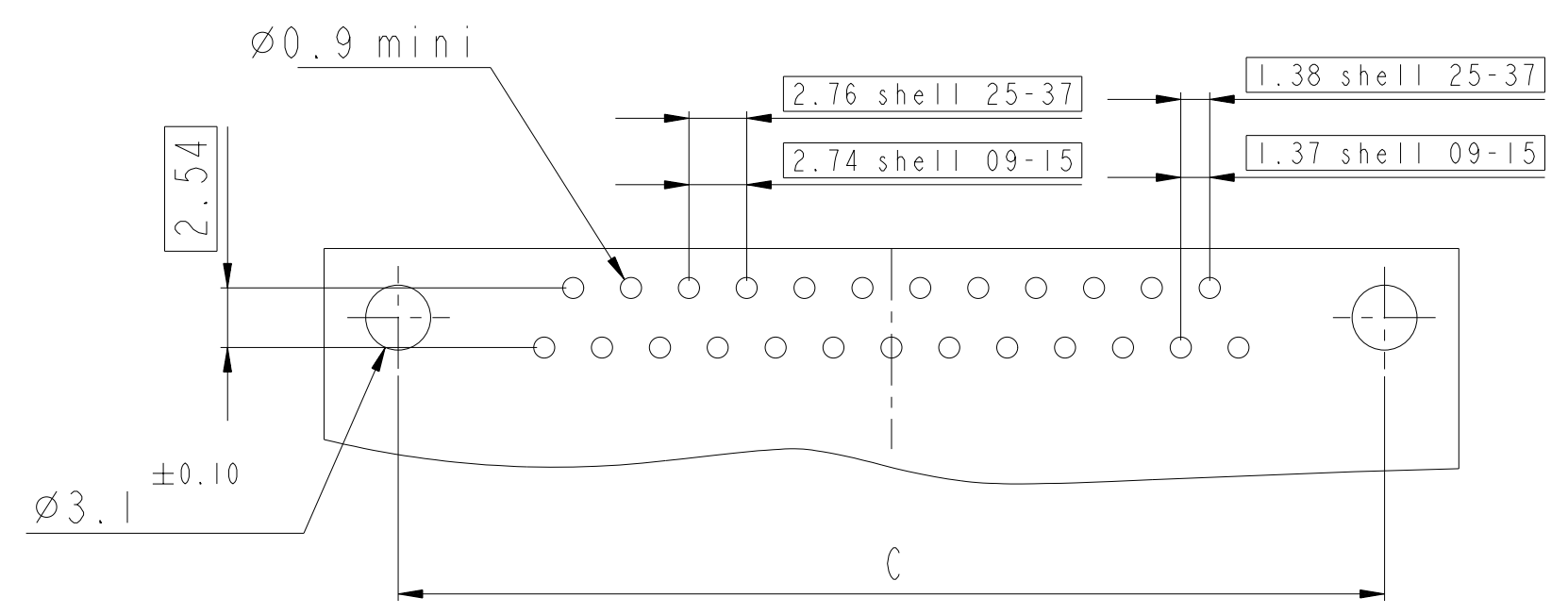


DIMENSION FOR SHELL E,A,B,C WITH PLASTIC BRACKET

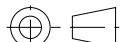
Dimensions are in millimeters

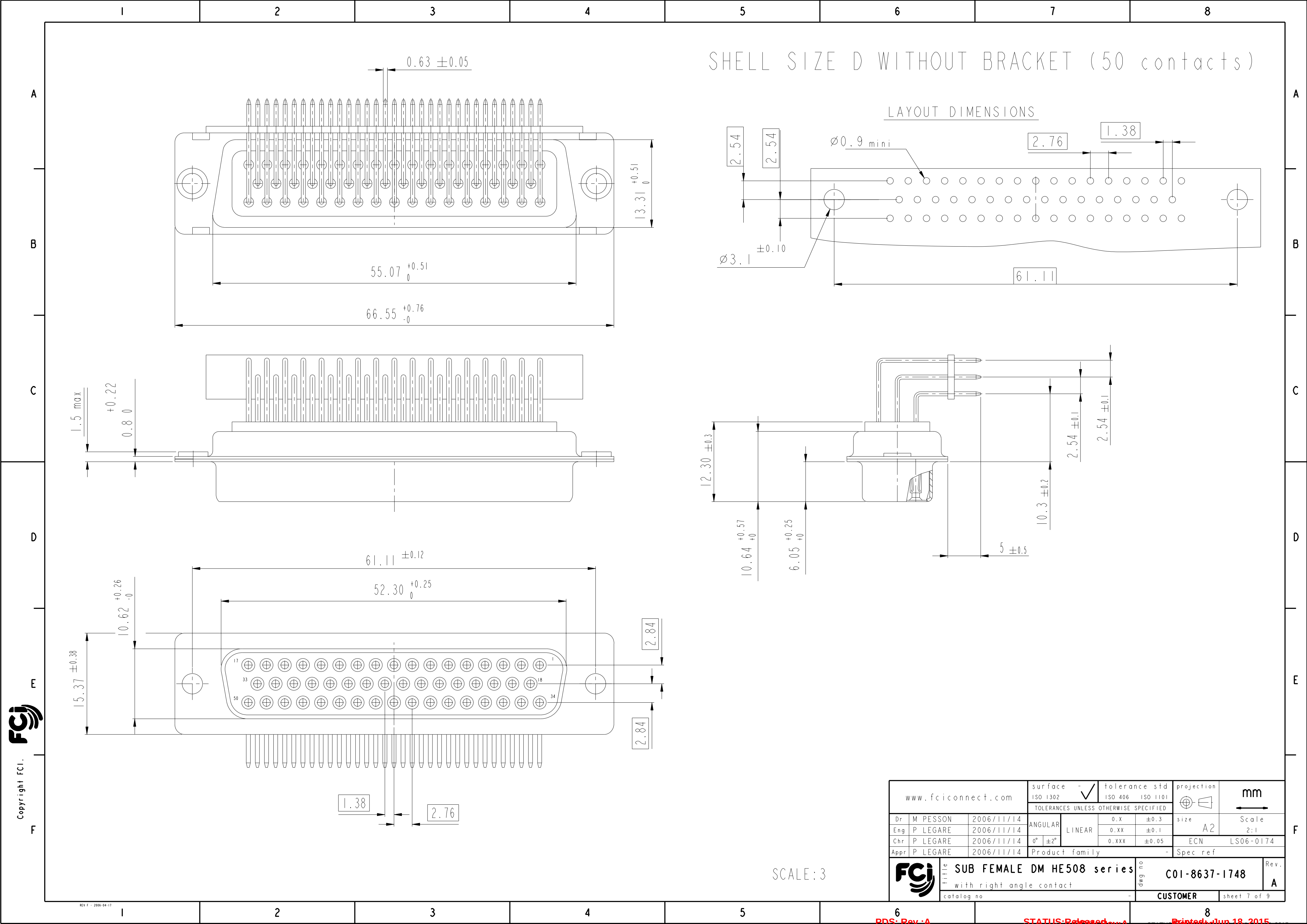
Shell size	Number of contacts	A ^{+0.76 -0}	B ^{+0.25 -0}	C ^{±0.12}	F ^{+0.57 -0}	G ^{+0.25 -0}	H ^{+0.51 -0}
E	09	30.43	16.21	24.99	10.64	6.05	19.02
A	15	38.76	24.54	33.32	10.64	6.05	27.25
B	25	52.65	38.25	47.04	10.64	6.05	41.02
C	37	68.94	54.71	63.50	10.64	6.05	57.45

LAYOUT DIMENSIONS

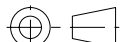


SCALE: 3

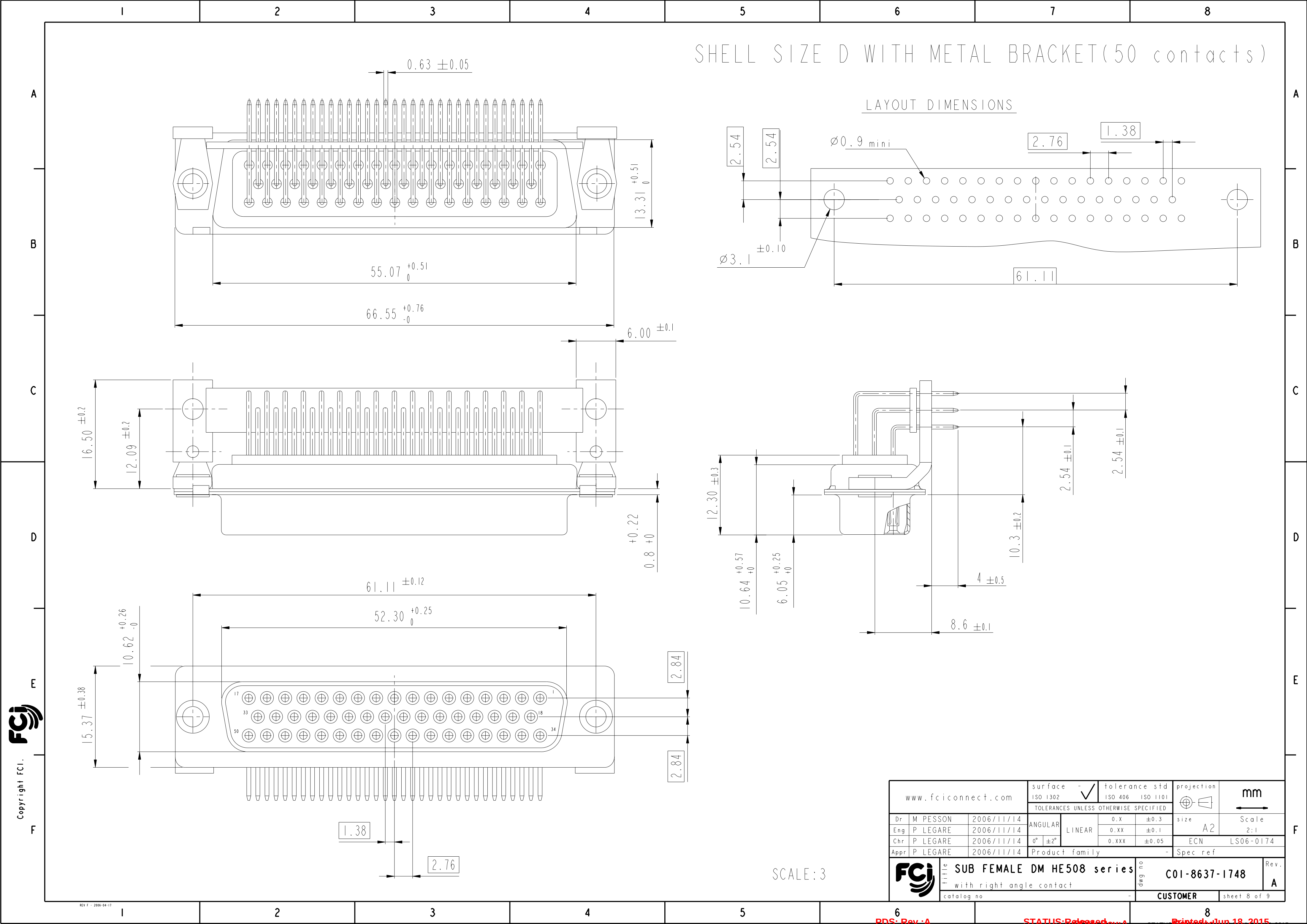
www.fciconnect.com			surface - 		tolerance std ISO 1302 ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	M PESSON	2006/11/14	ANGULAR	LINEAR	0.X	±0.3	size A2	Scale 2:1		
Eng	P LEGARE	2006/11/14			0.XX	±0.1				
Chr	P LEGARE	2006/11/14			0°.XXX	±0.05		ECN	LS06-0174	
Appr	P LEGARE	2006/11/14	Product family				-	Spec ref		
		title	SUB FEMALE DM HE508 series				dwg no	C01-8637-1748		Rev. A
			with right angle contact							
			catalog no							
								CUSTOMER		sheet 6 of 9



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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	P LEGARE	2006/11/14			0.XX	±0.1				
Chr	P LEGARE	2006/11/14			0°. ±2°	±0.05		ECN LS06-0174		
Appr	P LEGARE	2006/11/14	Product family				-	Spec ref		
		title	SUB FEMALE DM HE508 series					dwg no C01-8637-1748	Rev. A	
			with right angle contact							
			catalog no -							
			CUSTOMER					sheet 7 of 9		

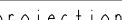
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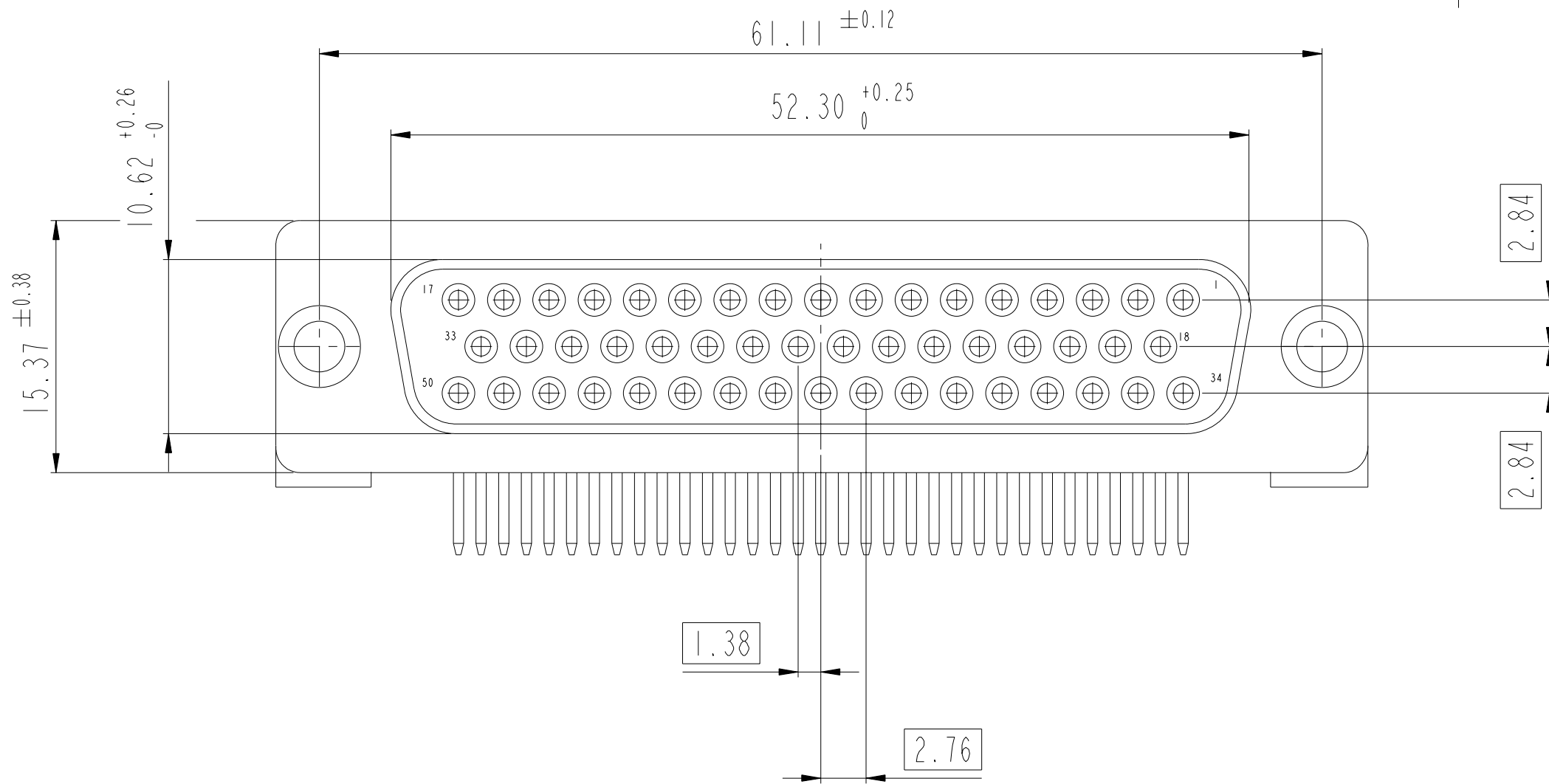
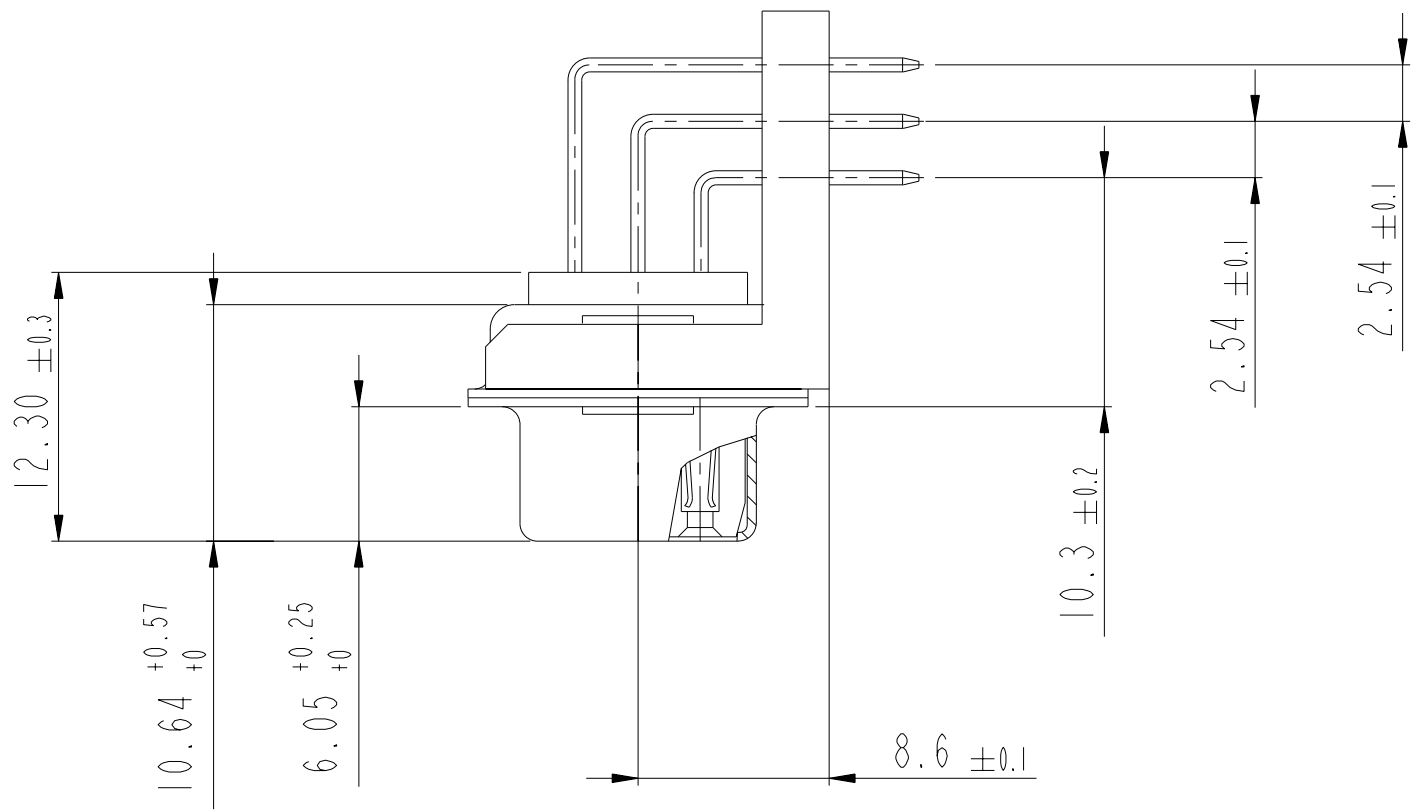
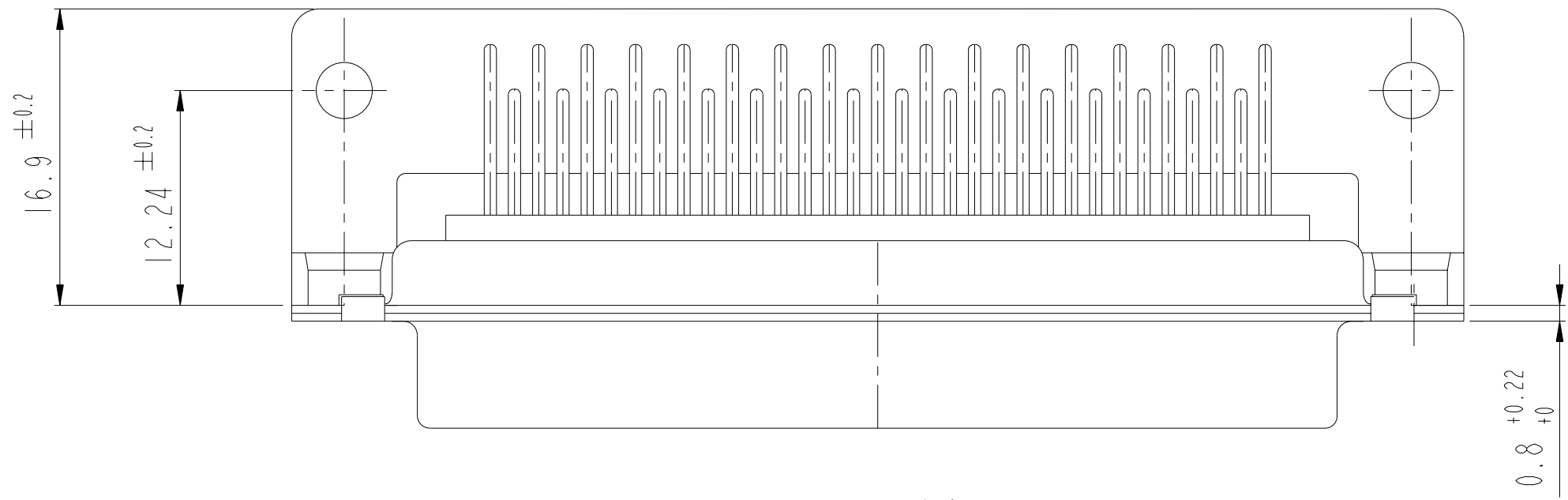
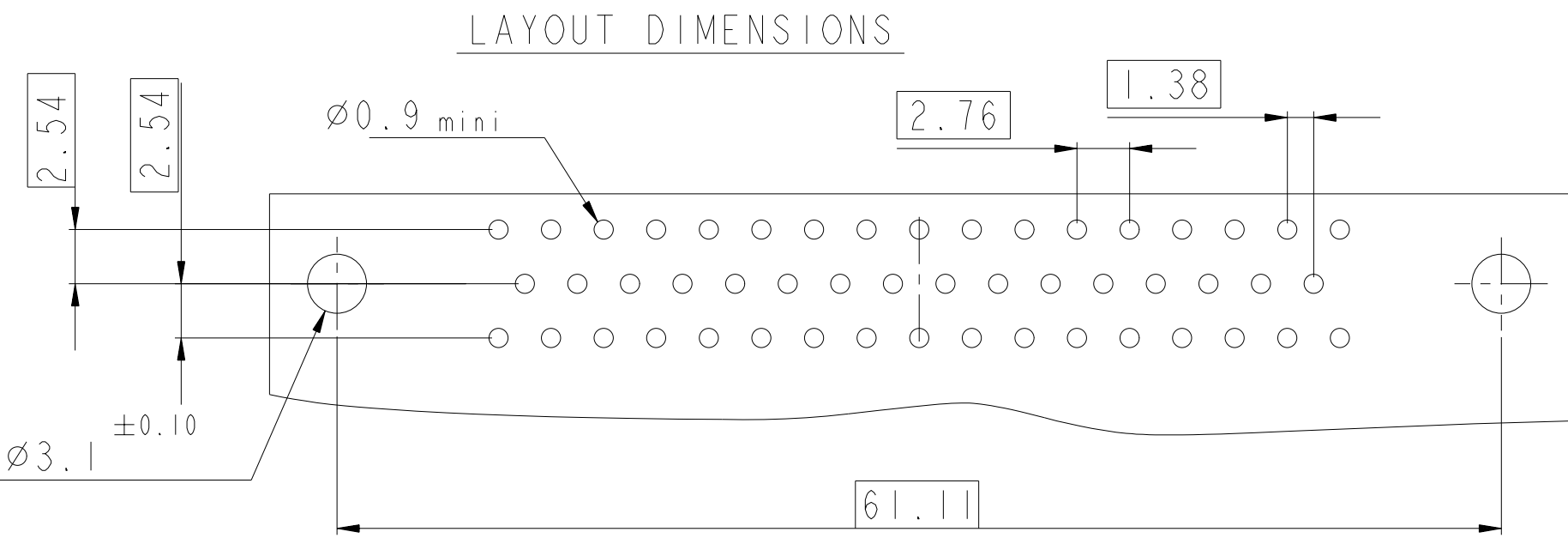
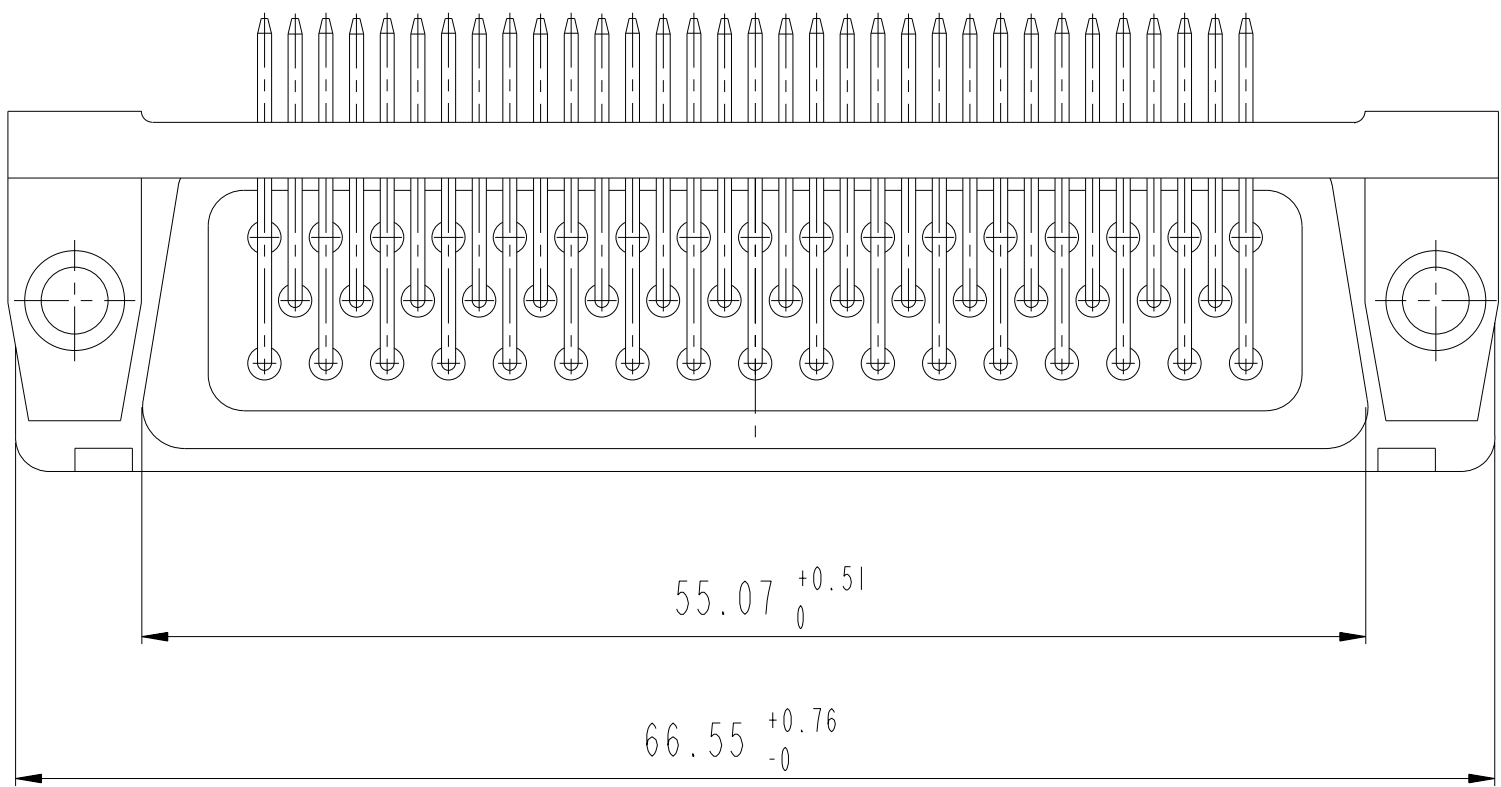
SHELL SIZE D WITH METAL BRACKET(50 contacts)

LAYOUT DIMENSIONS

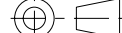
SCALE: 3

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	P LEGARE	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		
			SUB FEMALE DM HE508 series				dwg no C01-8637-1748		Rev. A	
			with right angle contact							
			catalog no -				CUSTOMER		sheet 8 of 9	

SHELL SIZE D WITH PLASTIC BRACKET (50 contacts)



SCALE: 3

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	P LEGARE	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				
			SUB FEMALE DM HE508 series				C01-8637-1748				Rev. A
with right angle contact											
catalog no			-				CUSTOMER		sheet 9 of 9		