

Amphenol
FCi

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C	FRONT ACCESSORY	Blank Without	L insert M3 O insert UNC 4.40	V insert UNC 4.40	Blank Without	L insert M3 O insert UNC 4.40	V insert UNC 4.40
	PCB ACCESSORIES	A Without	A Without	A Without	M Metal brackets	M Metal brackets	M Metal bracket

F	FRONT ACCESSORY	Blank Without	L insert M3 O insert UNC 4.40	V insert UNC 4.40	Blank Without	L insert M3 O insert UNC 4.40	V insert UNC 4.40
	PCB ACCESSORIES	G Metal brackets + harpoons for PCB 1.60mm	G Metal brackets + harpoons for PCB 1.60mm	G Metal brackets + harpoons for PCB 1.60mm	H Metal brackets + harpoons for PCB 2.40mm	H Metal brackets + harpoons for PCB 2.40mm	H Metal brackets + harpoons for PCB 2.40mm

spec ref				dr	1, Product Eng		2015/06/16		projection		mm		size	scale				
tolerance std				eng	Gregar Mathew		2019/11/11						A2		3:1			
ISO 1101				chr	-		-						ecn no		ELX-133009-1			
ISO 1101				appr	Varma Sudhir		2019/11/12		product family				-		rel level		Released	
ISO 406																		
surface	linear	0.X	±0.30	Amphenol FCi	title	SUB MALE DW EUROPE FOOT PRINT						dwg no	C01-8639-2304c			rev	E	
		0.XX	±0.10															
		0.XXX	±0.05															
		angular	0°															±°2
	ISO 1302				cat. no.		-		Product - Customer Drw						sheet 2 of 7			

PART NUMBER	AMPS	MATINGS/ UNMATINGS	FRONT ACCESSORY	PCB ACCESSORIES
D*xWxP500A30LF	30	200	without	without
D*LxWxP500A30LF	30	200	insert M3	without
D*OxWxP500A30LF	30	200	insert UNC 4.40	without
D*VxWxP500A30LF	30	200	female screw UNC 4.40	without
D*xWxP500H30LF	30	200	without	metal bracket+harpoon PCB 2.40mm
D*LxWxP500H30LF	30	200	insert M3	metal bracket+harpoon PCB 2.40mm
D*OxWxP500H30LF	30	200	insert UNC 4.40	metal bracket+harpoon PCB 2.40mm
D*VxWxP500H30LF	30	200	female screw UNC 4.40	metal bracket+harpoon PCB 2.40mm
D*xWxP500G30LF	30	200	without	metal bracket+harpoon PCB 1.60mm
D*LxWxP500G30LF	30	200	insert M3	metal bracket+harpoon PCB 1.60mm
D*OxWxP500G30LF	30	200	insert UNC 4.40	metal bracket+harpoon PCB 1.60mm
D*VxWxP500G30LF	30	200	female screw UNC 4.40	metal bracket+harpoon PCB 1.60mm
D*xWxP500M30LF	30	200	without	metal bracket
D*LxWxP500M30LF	30	200	insert M3	metal bracket
D*OxWxP500M30LF	30	200	insert UNC 4.40	metal bracket
D*VxWxP500M30LF	30	200	female screw UNC 4.40	metal bracket

PART NUMBER	AMPS	MATINGS/ UNMATINGS	FRONT ACCESSORY	PCB ACCESSORIES
D*xWxP500A40LF	40	200	without	without
D*LxWxP500A40LF	40	200	insert M3	without
D*OxWxP500A40LF	40	200	insert UNC 4.40	without
D*VxWxP500A40LF	40	200	female screw UNC 4.40	without
D*xWxP500H40LF	40	200	without	metal bracket+harpoon PCB 2.40mm
D*LxWxP500H40LF	40	200	insert M3	metal bracket+harpoon PCB 2.40mm
D*OxWxP500H40LF	40	200	insert UNC 4.40	metal bracket+harpoon PCB 2.40mm
D*VxWxP500H40LF	40	200	female screw UNC 4.40	metal bracket+harpoon PCB 2.40mm
D*xWxP500G40LF	40	200	without	metal bracket+harpoon PCB 1.60mm
D*LxWxP500G40LF	40	200	insert M3	metal bracket+harpoon PCB 1.60mm
D*OxWxP500G40LF	40	200	insert UNC 4.40	metal bracket+harpoon PCB 1.60mm
D*VxWxP500G40LF	40	200	female screw UNC 4.40	metal bracket+harpoon PCB 1.60mm
D*xWxP500M40LF	40	200	without	metal bracket
D*LxWxP500M40LF	40	200	insert M3	metal bracket
D*OxWxP500M40LF	40	200	insert UNC 4.40	metal bracket
D*VxWxP500M40LF	40	200	female screw UNC 4.40	metal bracket

shell size
*
E
A
A
B
B
B
C
C
C

LAYOUTS
xWx
5W1
11W1
7W2
21W1
17W2
13W3
9W4
25W3
21WA4
27W2

PART NUMBER	AMPS	MATINGS/ UNMATINGS	FRONT ACCESSORY	PCB ACCESSORIES
D*xWxP543A30LF	30	500	without	without
D*LxWxP543A30LF	30	500	insert M3	without
D*OxWxP543A30LF	30	500	insert UNC 4.40	without
D*VxWxP543A30LF	30	500	female screw UNC 4.40	without
D*xWxP543H30LF	30	500	without	metal bracket+harpoon PCB 2.40mm
D*LxWxP543H30LF	30	500	insert M3	metal bracket+harpoon PCB 2.40mm
D*OxWxP543H30LF	30	500	insert UNC 4.40	metal bracket+harpoon PCB 2.40mm
D*VxWxP543H30LF	30	500	female screw UNC 4.40	metal bracket+harpoon PCB 2.40mm
D*xWxP543G30LF	30	500	without	metal bracket+harpoon PCB 1.60mm
D*LxWxP543G30LF	30	500	insert M3	metal bracket+harpoon PCB 1.60mm
D*OxWxP543G30LF	30	500	insert UNC 4.40	metal bracket+harpoon PCB 1.60mm
D*VxWxP543G30LF	30	500	female screw UNC 4.40	metal bracket+harpoon PCB 1.60mm
D*xWxP543M30LF	30	500	without	metal bracket
D*LxWxP543M30LF	30	500	insert M3	metal bracket
D*OxWxP543M30LF	30	500	insert UNC 4.40	metal bracket
D*VxWxP543M30LF	30	500	female screw UNC 4.40	metal bracket

PART NUMBER	AMPS	MATINGS/ UNMATINGS	FRONT ACCESSORY	PCB ACCESSORIES
D*xWxP543A40LF	40	500	without	without
D*LxWxP543A40LF	40	500	insert M3	without
D*OxWxP543A40LF	40	500	insert UNC 4.40	without
D*VxWxP543A40LF	40	500	female screw UNC 4.40	without
D*xWxP543H40LF	40	500	without	metal bracket+harpoon PCB 2.40mm
D*LxWxP543H40LF	40	500	insert M3	metal bracket+harpoon PCB 2.40mm
D*OxWxP543H40LF	40	500	insert UNC 4.40	metal bracket+harpoon PCB 2.40mm
D*VxWxP543H40LF	40	500	female screw UNC 4.40	metal bracket+harpoon PCB 2.40mm
D*xWxP543G40LF	40	500	without	metal bracket+harpoon PCB 1.60mm
D*LxWxP543G40LF	40	500	insert M3	metal bracket+harpoon PCB 1.60mm
D*OxWxP543G40LF	40	500	insert UNC 4.40	metal bracket+harpoon PCB 1.60mm
D*VxWxP543G40LF	40	500	female screw UNC 4.40	metal bracket+harpoon PCB 1.60mm
D*xWxP543M40LF	40	500	without	metal bracket
D*LxWxP543M40LF	40	500	insert M3	metal bracket
D*OxWxP543M40LF	40	500	insert UNC 4.40	metal bracket
D*VxWxP543M40LF	40	500	female screw UNC 4.40	metal bracket

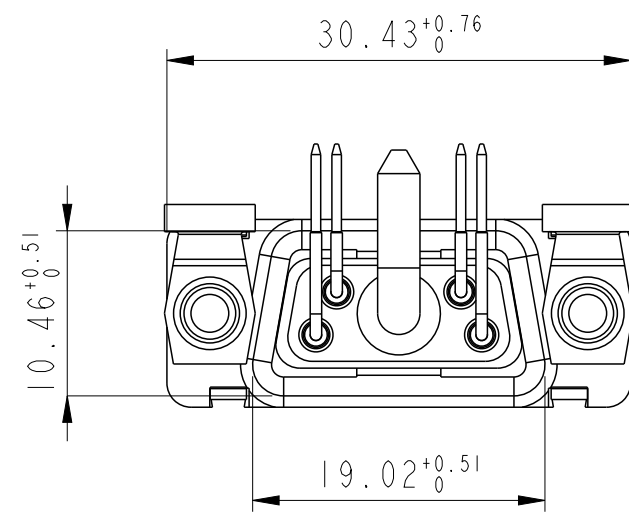
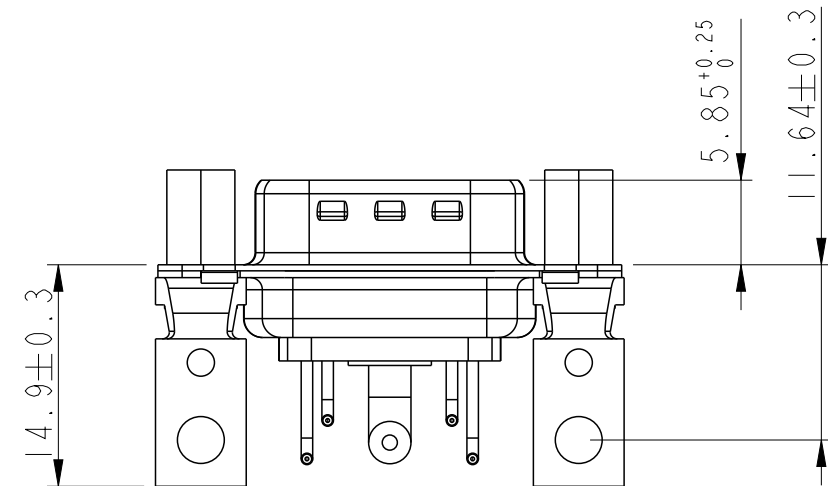
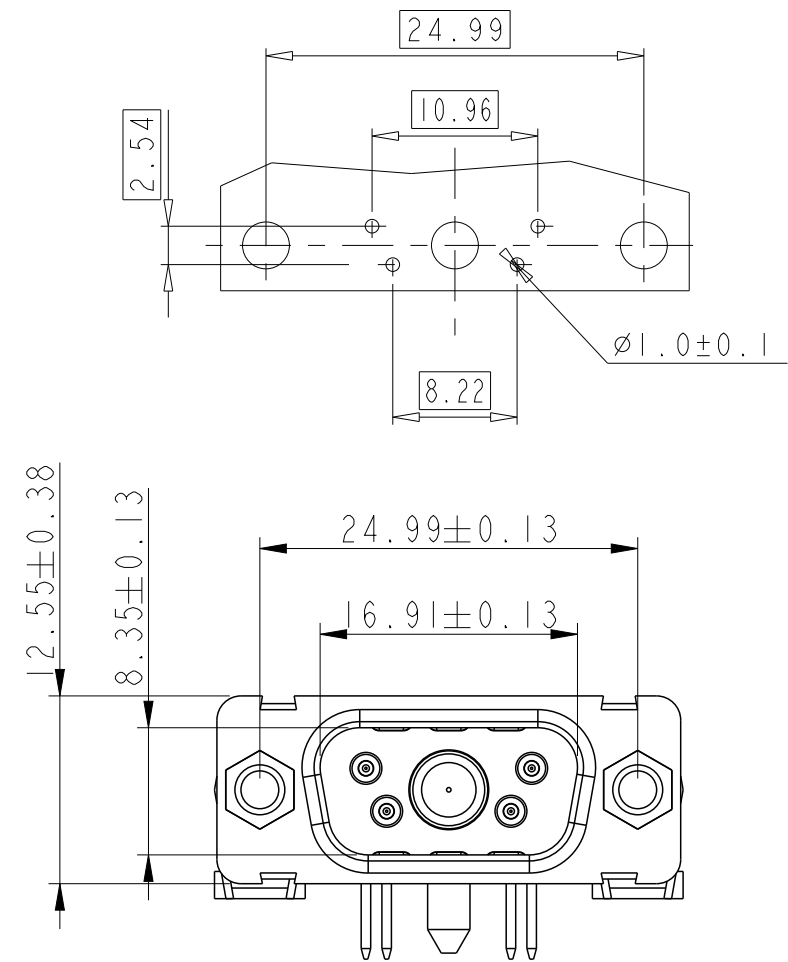
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tolerance std		eng		Gregar Mathew	2019/11/11			ecn no	ELX-133009-1	rel level	Released			
ISO 1101		chr		-	-									
ISO 406		appr		Varma Sudhir	2019/11/12									
						product family		0 sub						
surface	linear	TOLERANCES UNLESS OTHERWISE SPECIFIED		Amphenol FCI	SUB MALE DW EUROPE FOOT PRINT			C01-8639-2304c			rev	E		
													0.X	±0.30
													0.XX	±0.10
										0.XXX			±0.05	
	ISO 1302	angular	0°		±2	cat. no.			-	Product - Customer Drw			sheet 3 of 7	

A
B
C
D
E
F

5W1

LAYOUT AND CONNECTOR DIMENSIONS

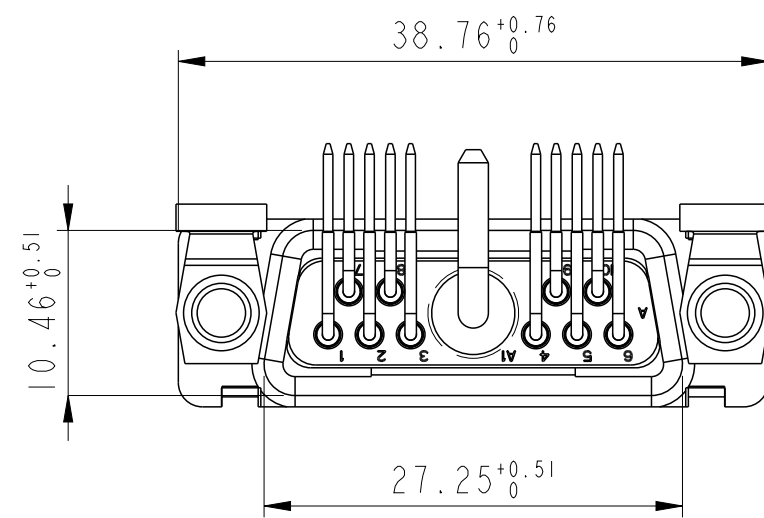
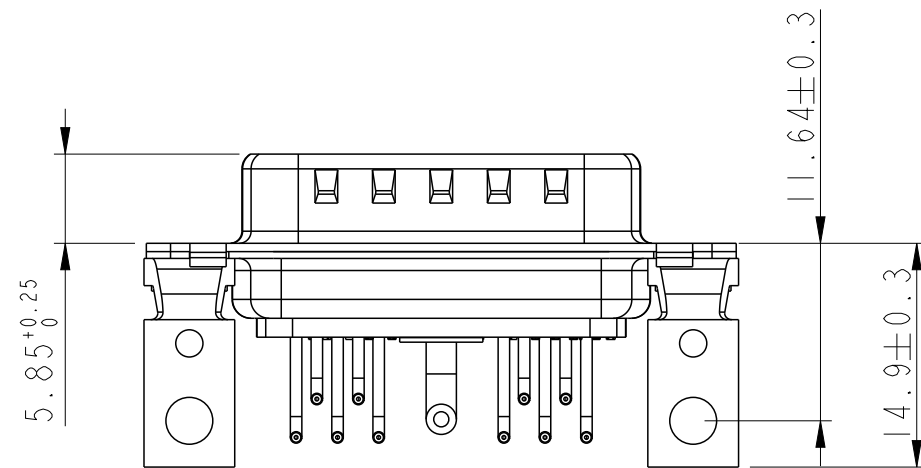
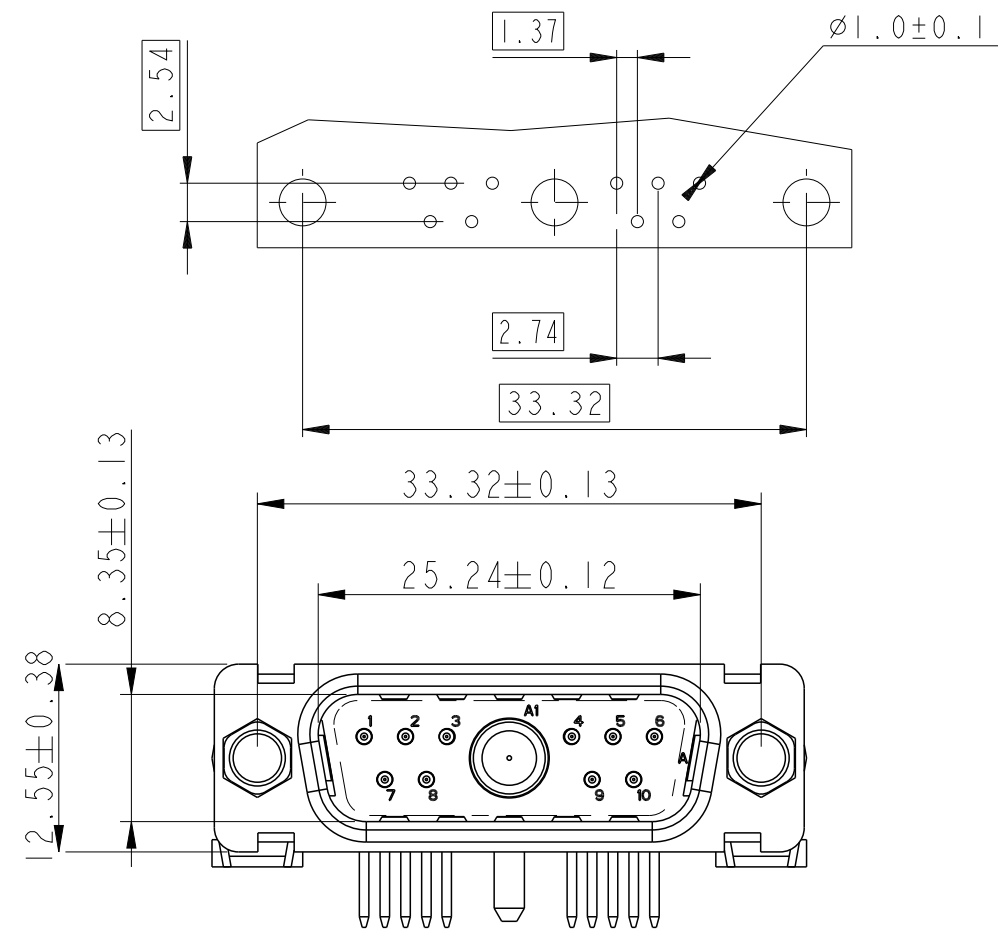
For PCB hole diameters see table I sheet I



11W1

LAYOUT AND CONNECTOR DIMENSIONS

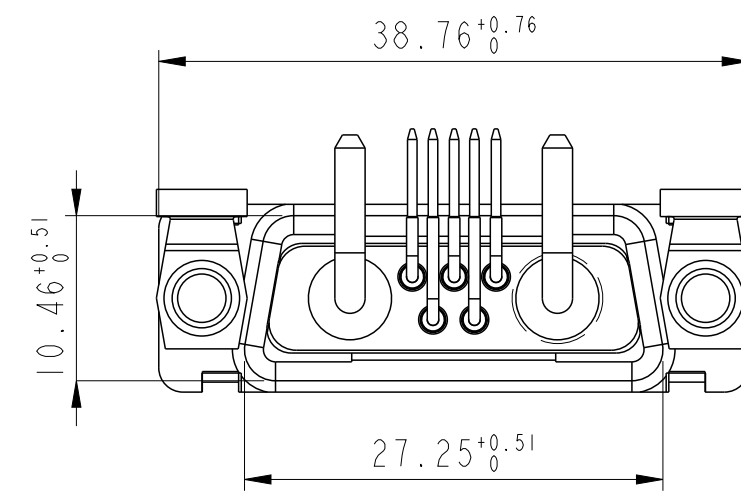
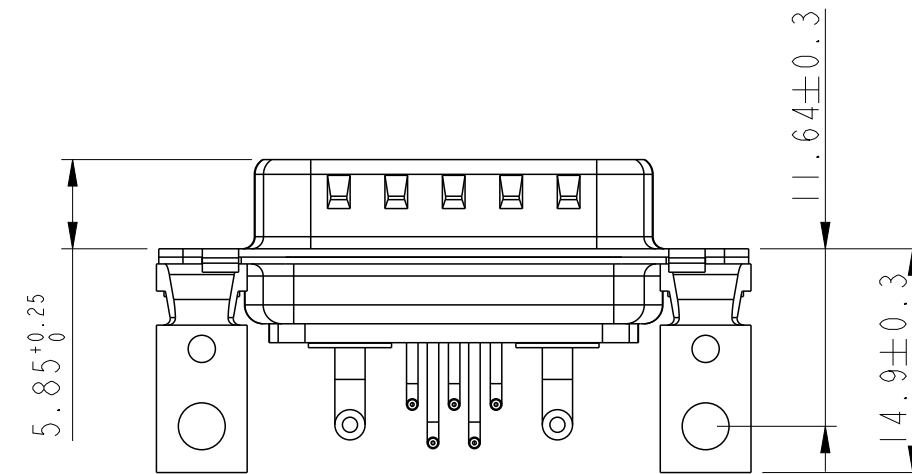
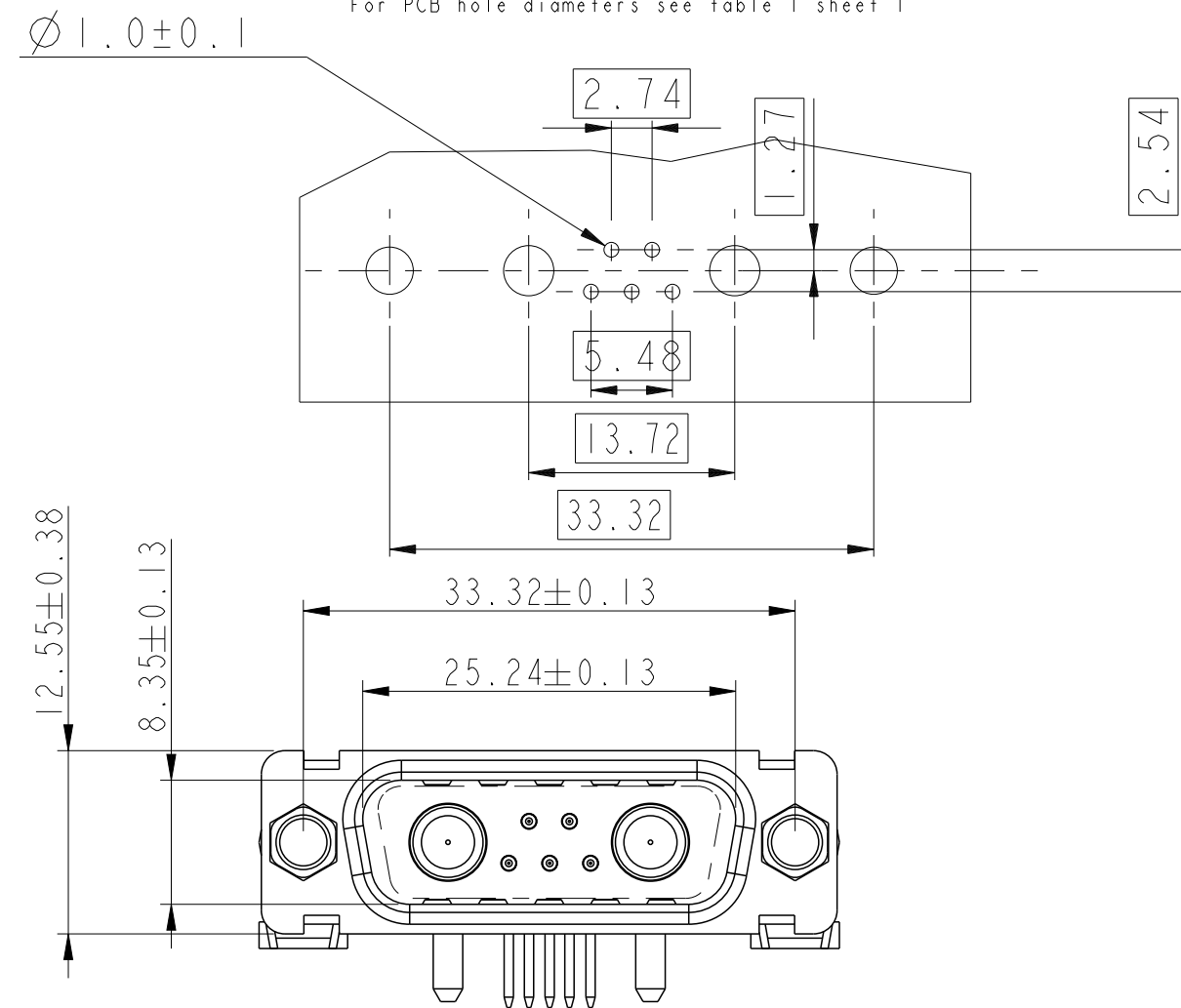
For PCB hole diameters see table I sheet I



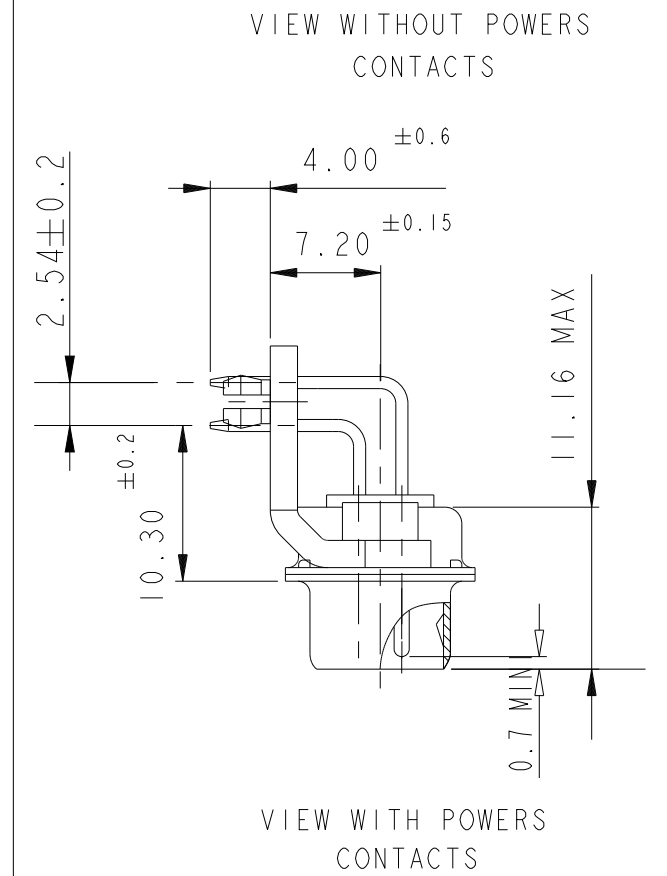
7W2

LAYOUT AND CONNECTOR DIMENSIONS

For PCB hole diameters see table I sheet I



SIDE VIEW FOR ALL LAYOUTS

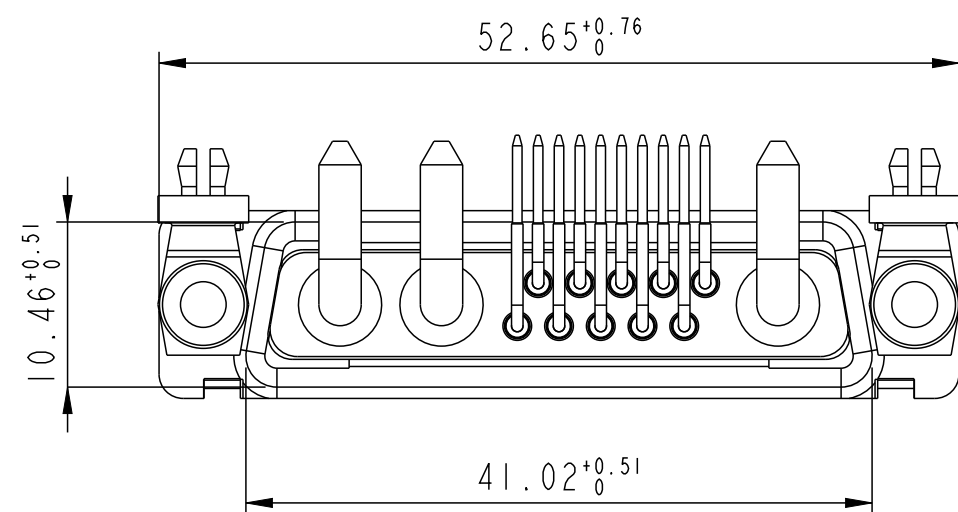
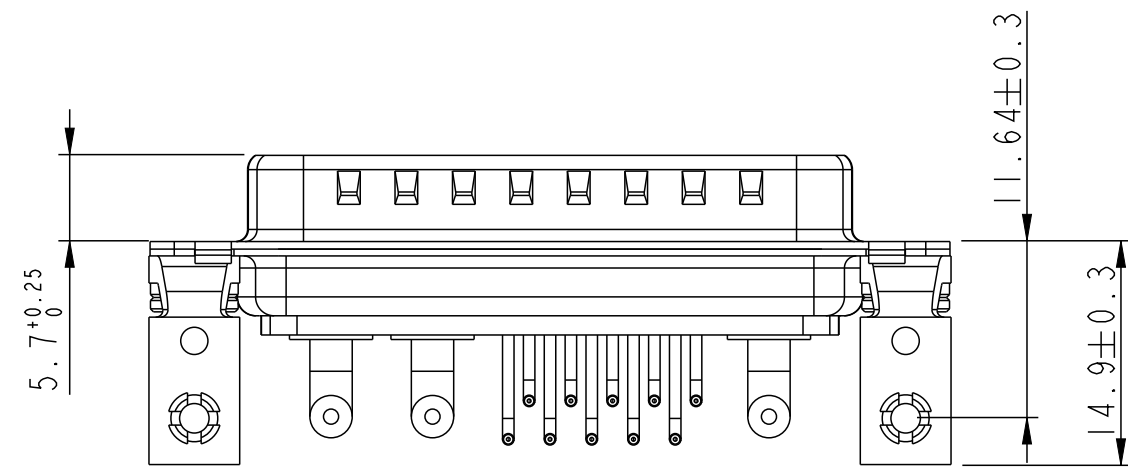
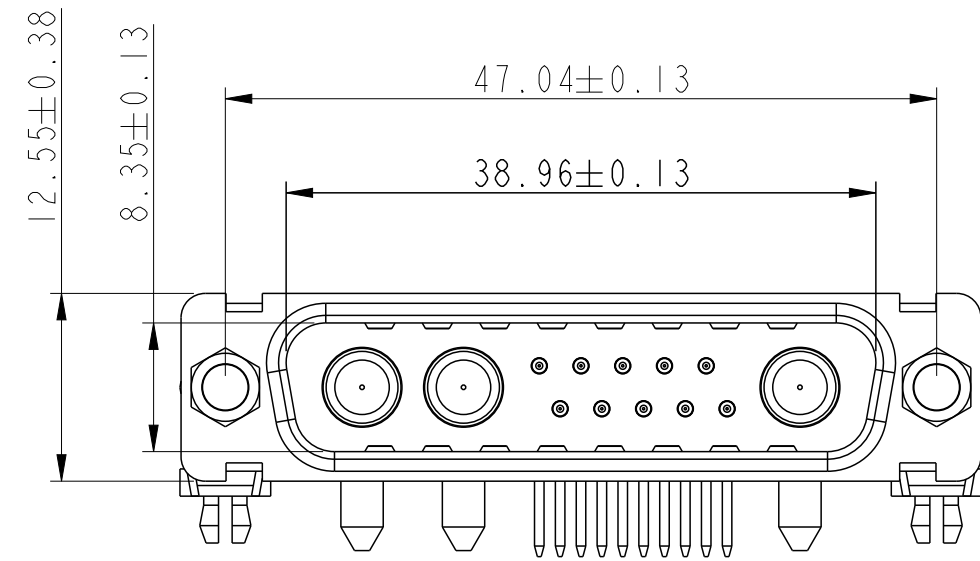
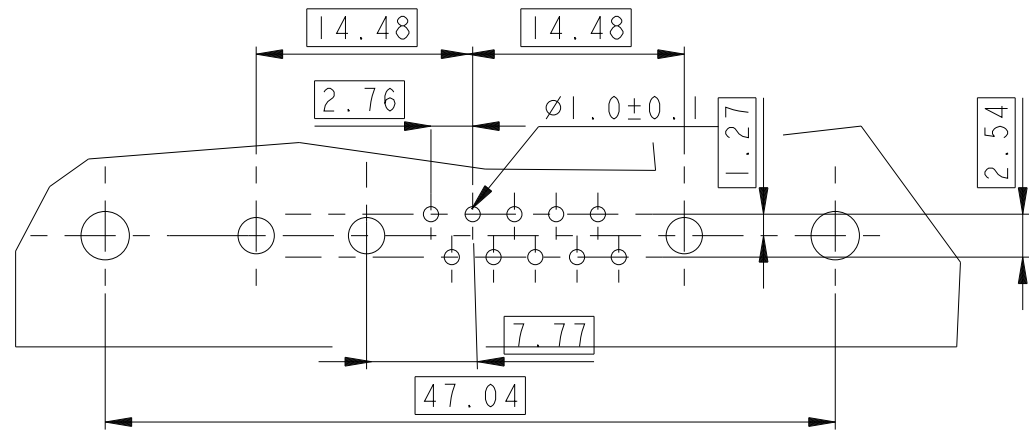


spec ref		dr		1, Product Eng		2015/06/16		projection		mm		size		A2		scale		2:1			
tolerance std		eng		Gregar Mathew		2019/11/11						ecn no		ELX-133009-1		rel level		Released			
ISO 1101 ISO 406		chr		-		-						product family		D SUB -							
		appr		Varma Sudhir		2019/11/12															
surface ISO 1302		linear		0.X 0.XX 0.XXX		±0.30 ±0.10 ±0.05		Amphenol FCi		title		SUB MALE DW EUROPE FOOT PRINT MIXED POWER RIGHT ANGL SOLDER		dwg no		C01-8639-2304c		rev		E	
		angular		0°		±2°		cat. no.		-		Product - Customer Drw		sheet 4 of 7							

A
B
C
D
E
F

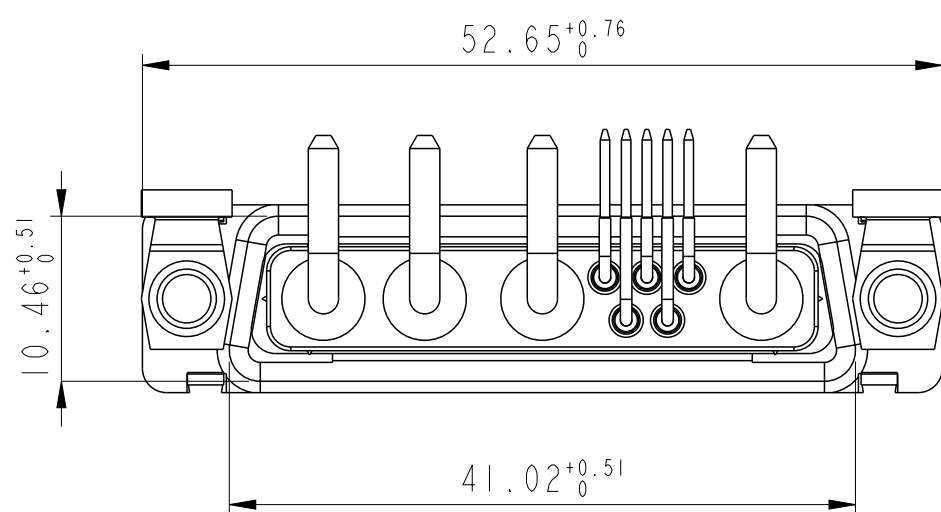
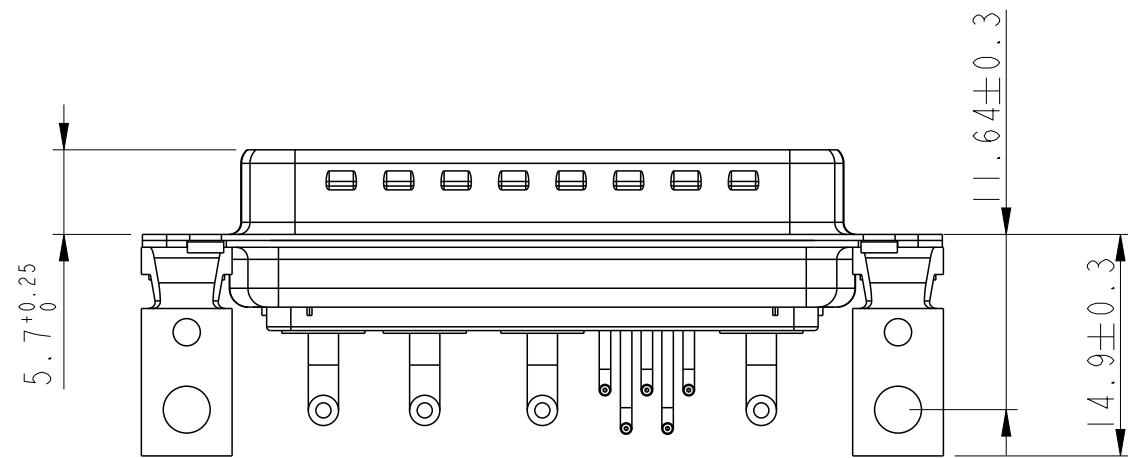
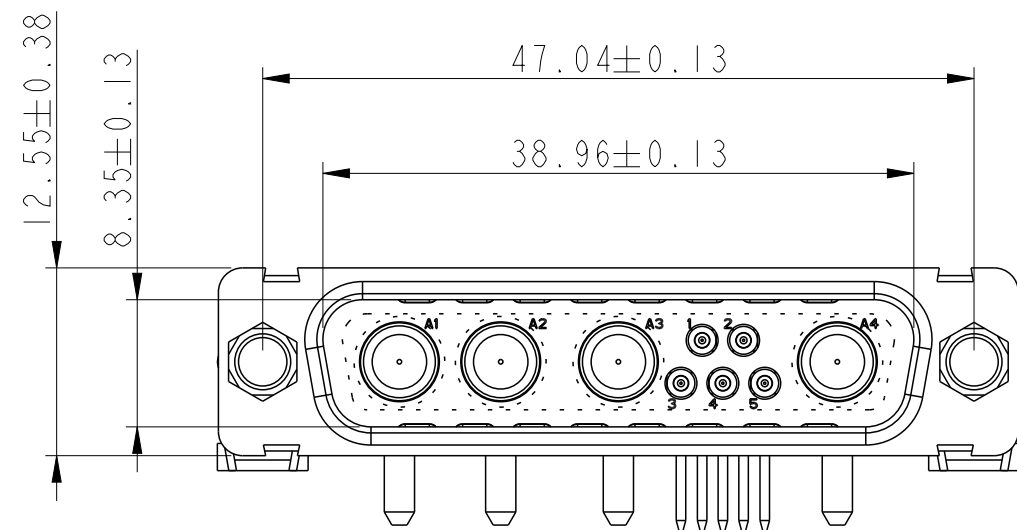
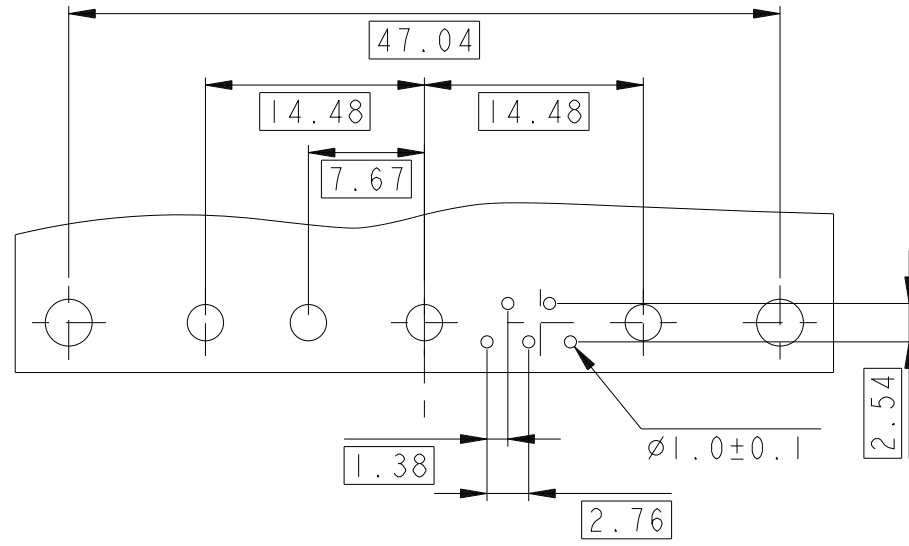
13W3

LAYOUT AND CONNECTOR DIMENSIONS
For PCB hole diameters see table I sheet I



9W4

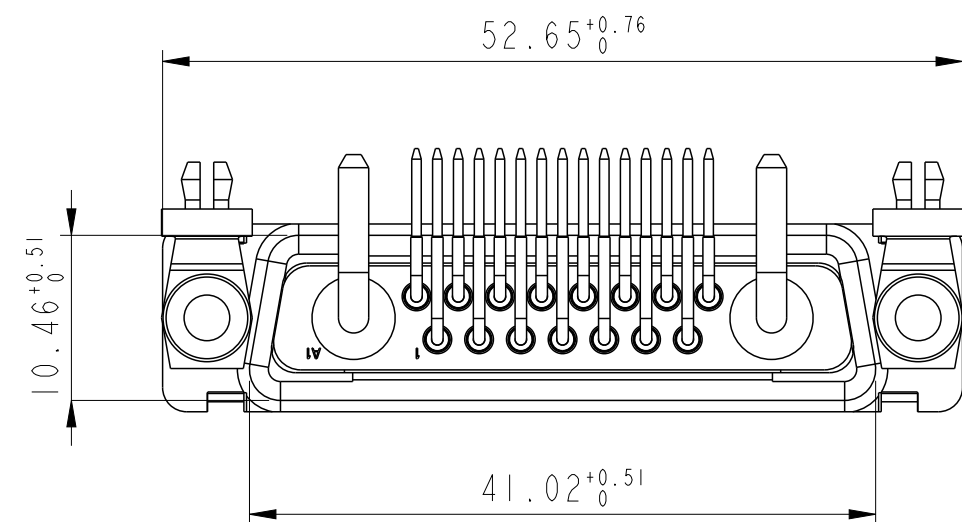
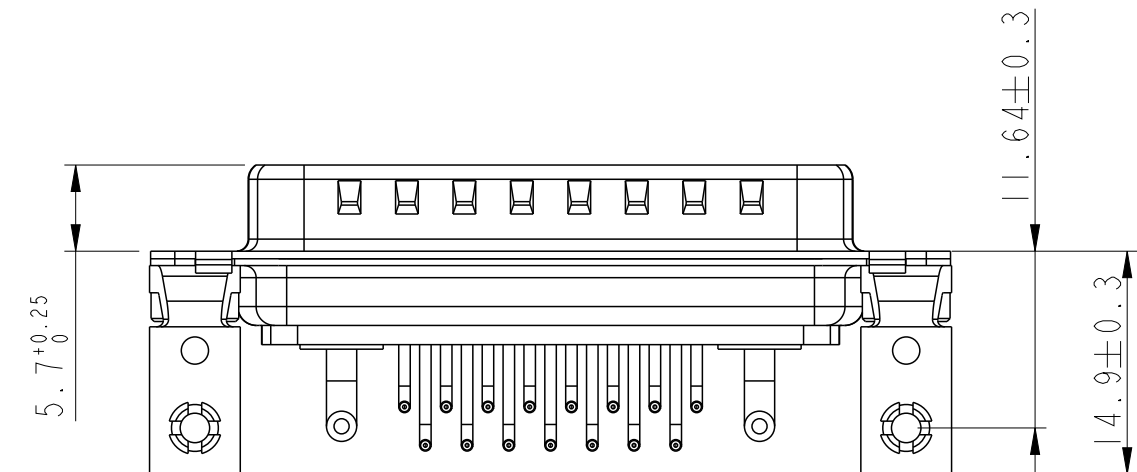
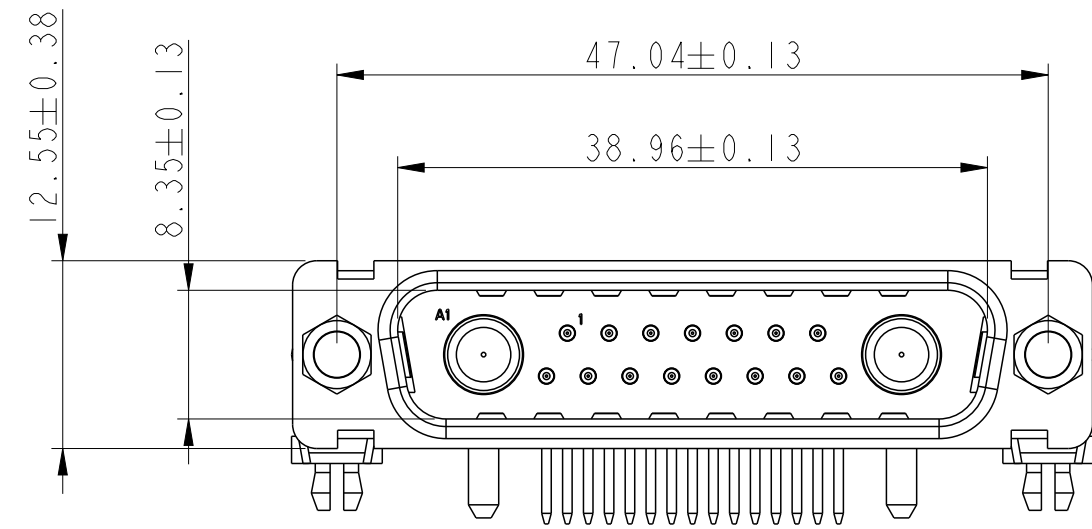
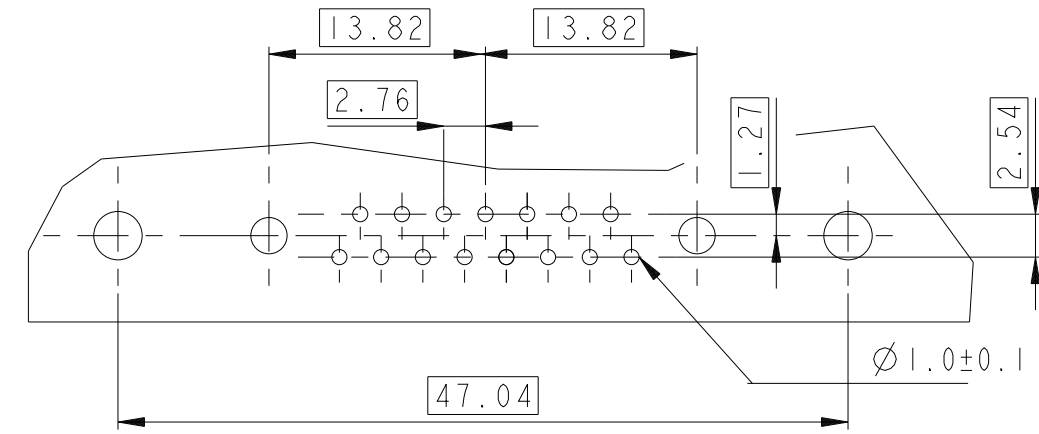
LAYOUT AND CONNECTOR DIMENSIONS
For PCB hole diameters see table I sheet I



Floating signal contacts

17W2

LAYOUT AND CONNECTOR DIMENSIONS
For PCB hole diameters see table I sheet I

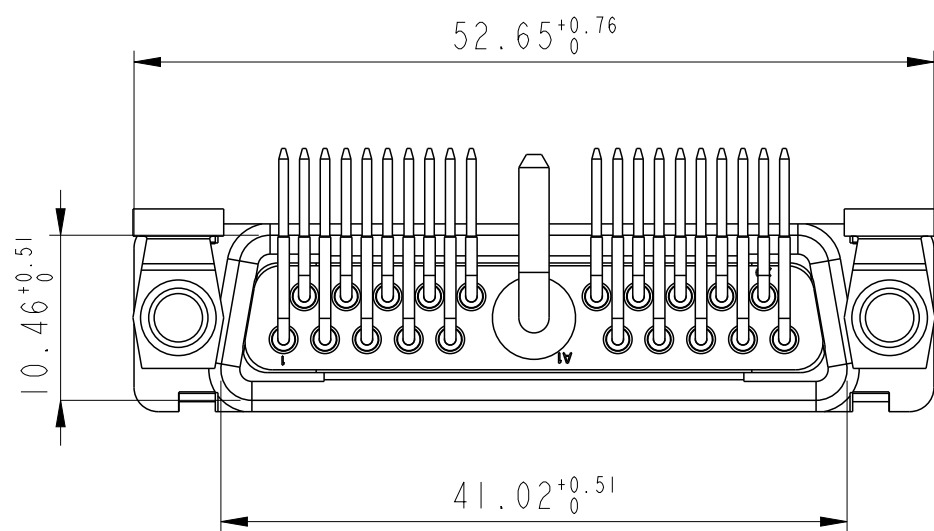
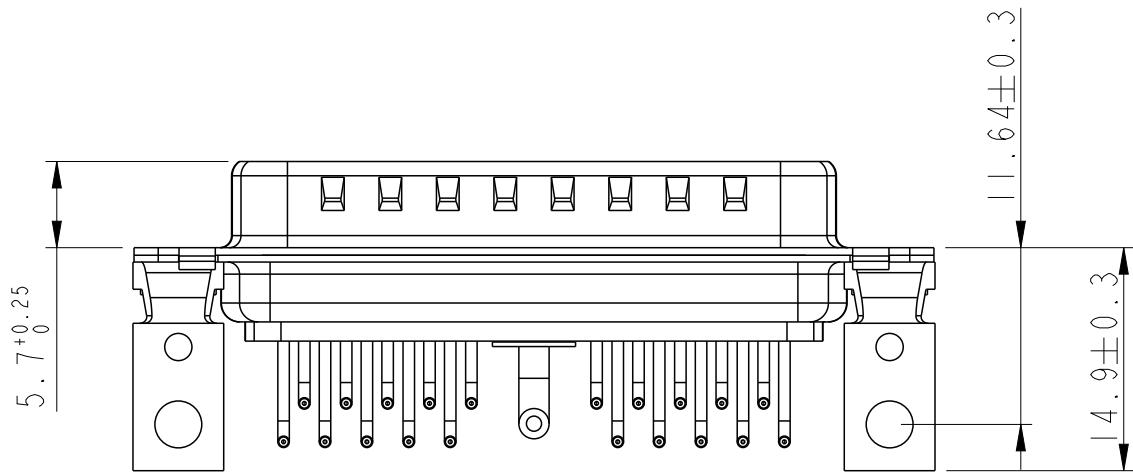
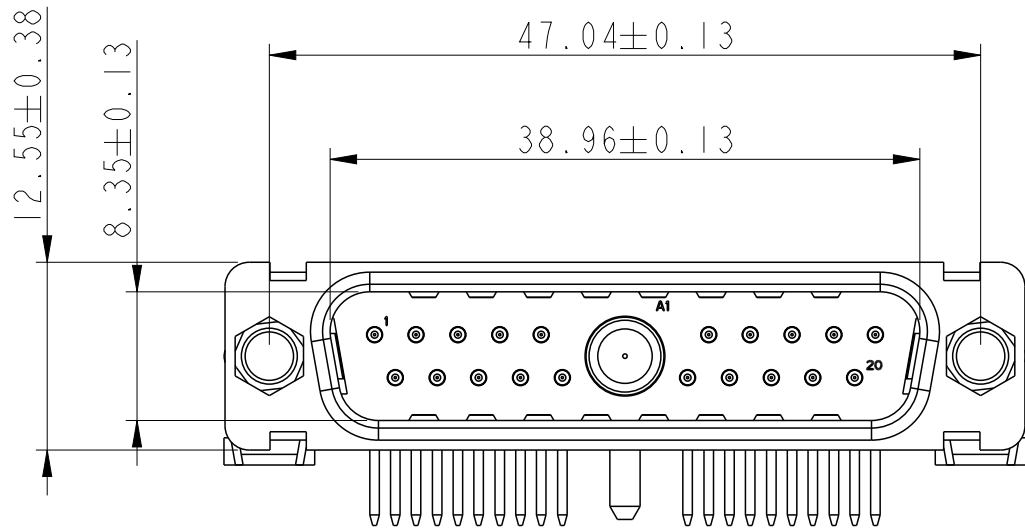
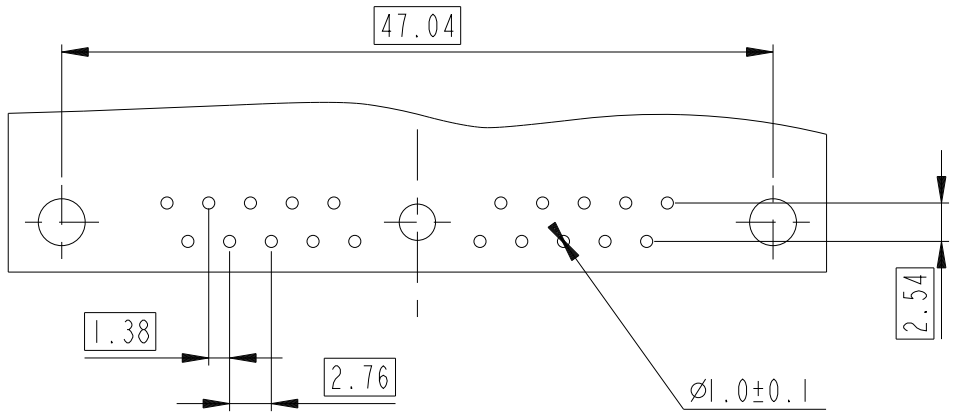


spec ref				dr		1, Product Eng		2015/06/16		projection		mm		size		A2		scale		2:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Gregar Mathew		2019/11/11						ecn no		ELX-133009-1		rel level		Released	
ISO 1101				chr		-															
ISO 406				appr		Varma Sudhir		2019/11/12													
										product family		D SUB -									
surface		linear		Amphenol FCi		title		SUB MALE DW EUROPE FOOT PRINT		MIXED POWER RIGHT ANGL SOLDER		dwg no		C01-8639-2304c		rev		E			
		0.X																		±0.30	
		0.XX																		±0.10	
		0.XXX		±0.005																	
ISO 1302		angular																			
		0°		±2°																	

21W1

LAYOUT AND CONNECTOR DIMENSIONS

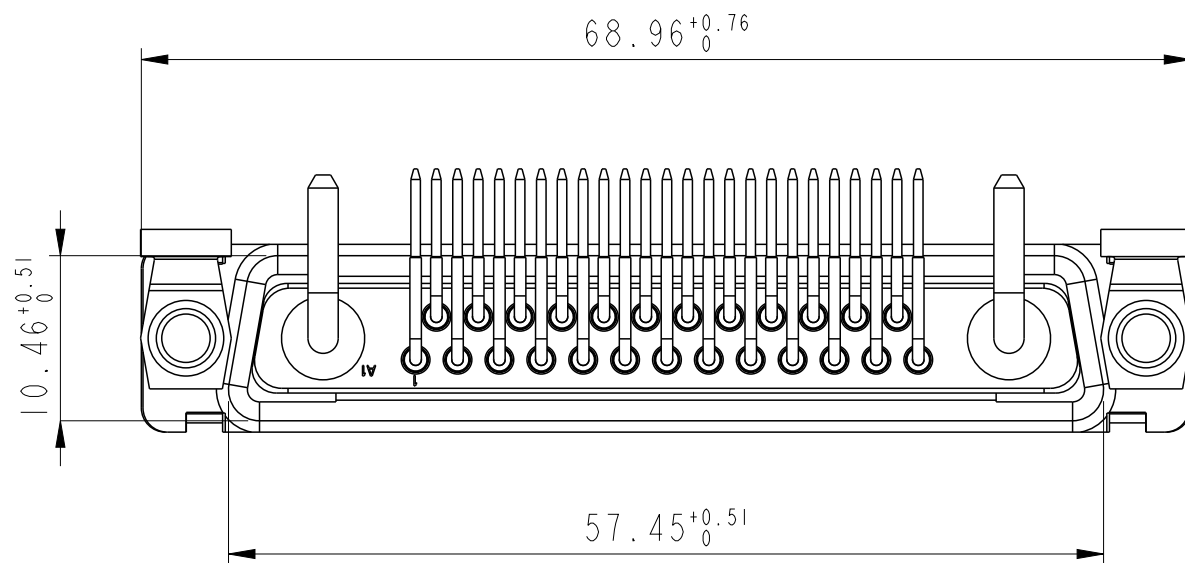
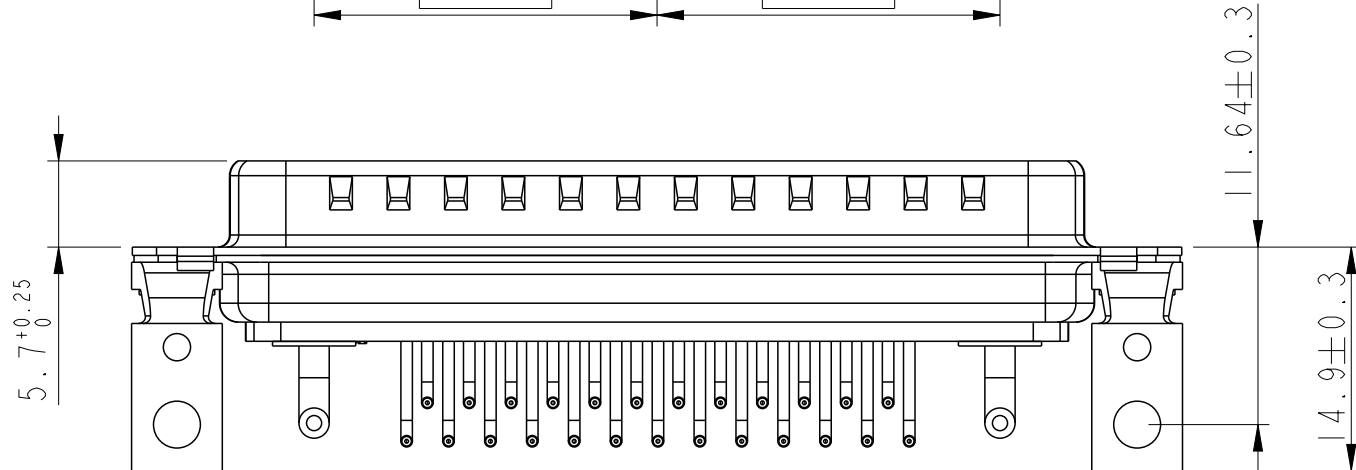
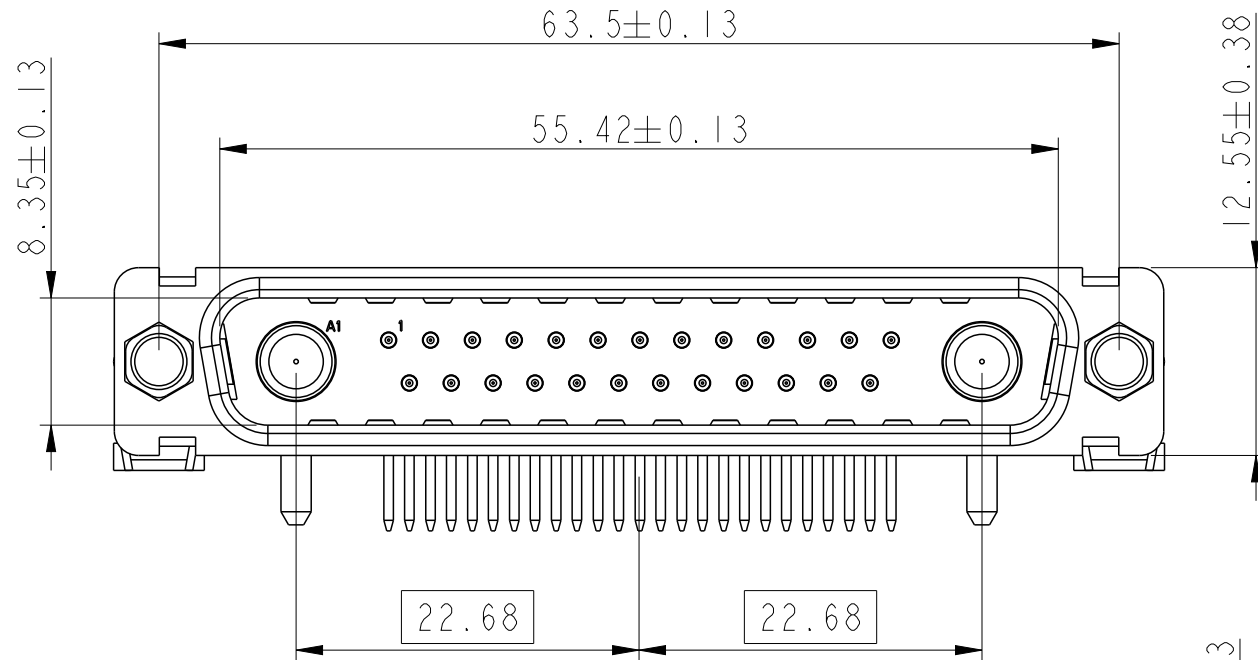
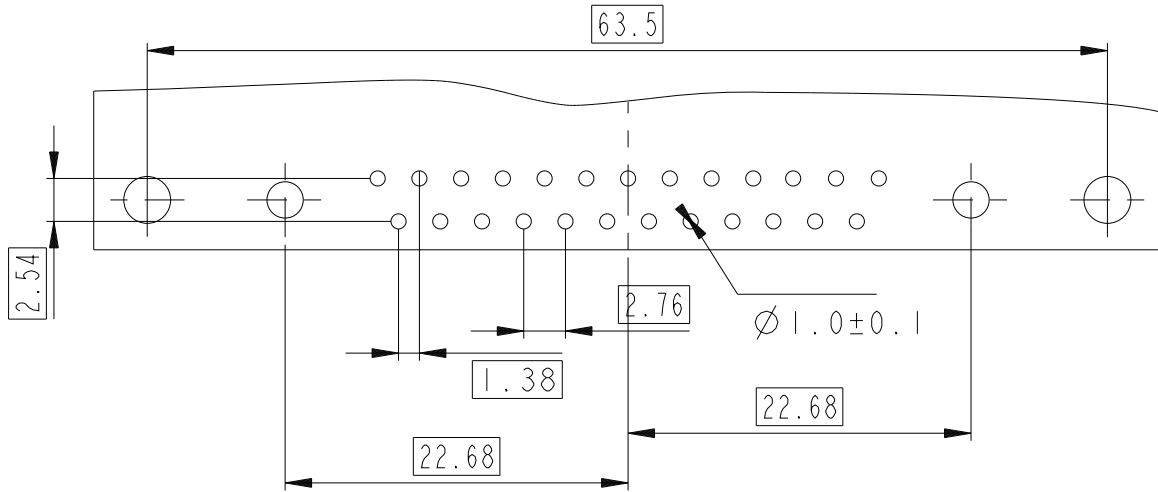
For PCB hole diameters see table I sheet I

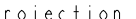
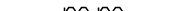
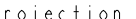


27W2

LAYOUT AND CONNECTOR DIMENSIONS

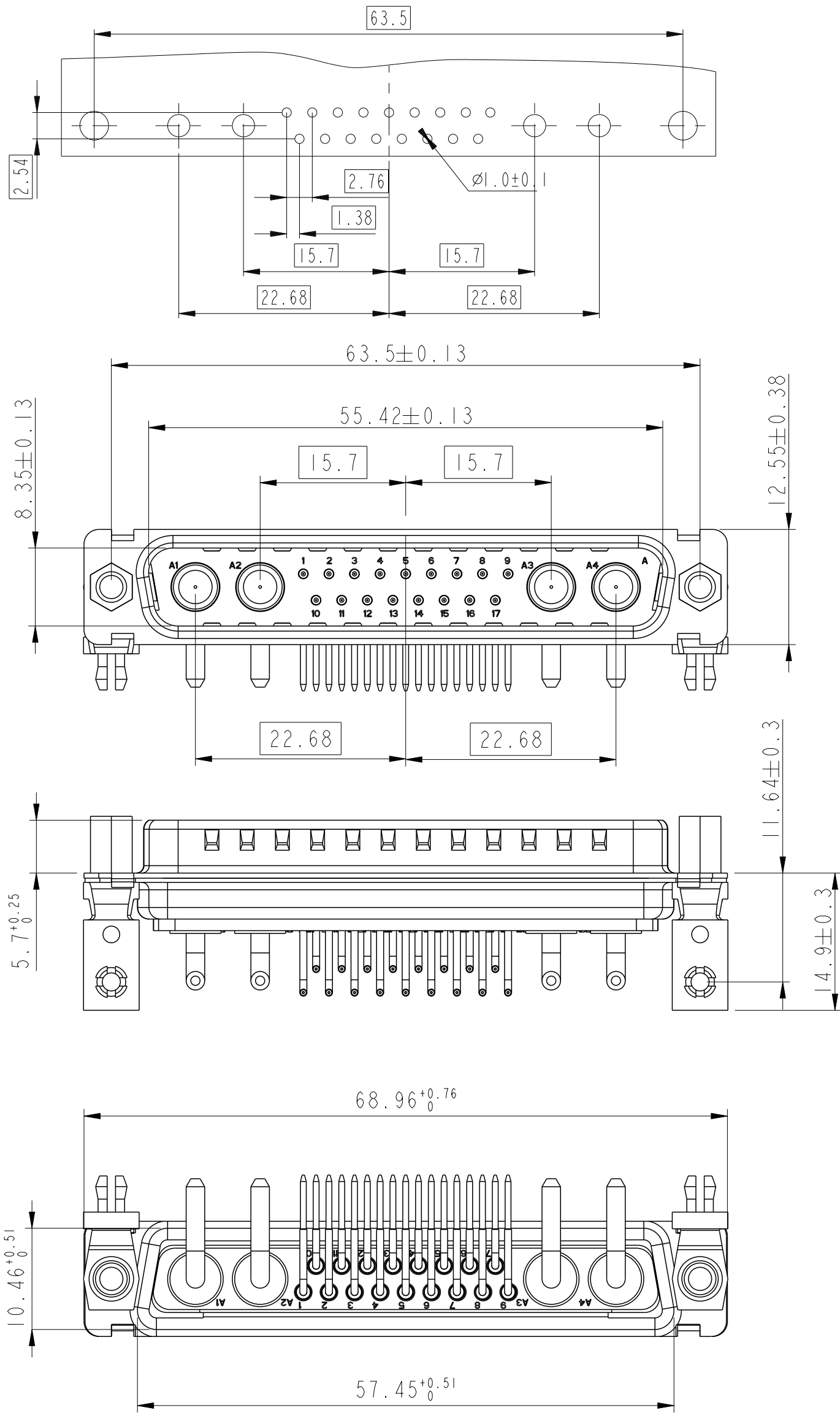
For PCB hole diameters see table I sheet I



spec ref				dr		1, Product Eng		2015/06/16		projection				mm				size		A2		scale		2:1	
tolerance std		TOLERANCES OTHERWISE SPECIFIED		eng		Gregar Mathew		2019/11/11								ecn no		ELX-133009-1		rel level		Released			
ISO 1101		chr		-		-																			
ISO 406		appr		Varma Sudhir		2019/11/12		product family																D SUB-	
surface		linear		0.X		±0.30		Amphenol FCi		title		SUB MALE DW EUROPE FOOT PRINT		dwg no		C01-8639-2304c		rev		E					
ISO 1302		0.XX		±0.10		±0.005																			
		0.XXX		±0.005																					
angular		0°		±2°		cat. no.		-		Product - Customer Drw		sheet 6 of 7													

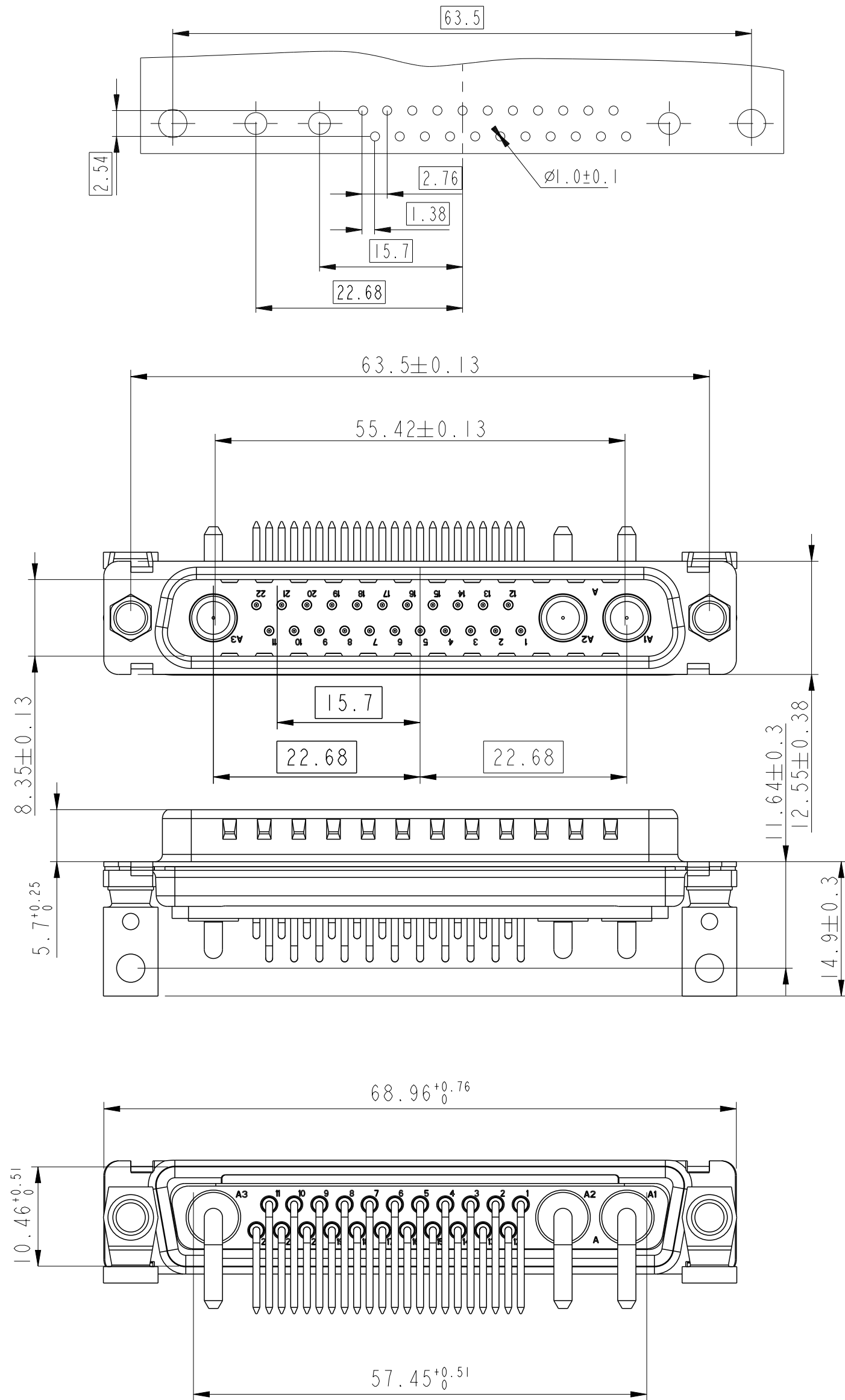
21WA4

LAYOUT AND CONNECTOR DIMENSIONS
For PCB hole diameters see table I sheet I



25W3

LAYOUT AND CONNECTOR DIMENSIONS
For PCB hole diameters see table I sheet I



spec ref		dr		1, Product Eng		2015/06/16		projection		size		scale							
tolerance std		eng		Gregar Mathew		2019/11/11				A2		2:1							
ISO 1101		chr		-		-				ech no		ELX-133009-1							
ISO 406		appr		Varma Sudhir		2019/11/12		product family		-		rel level		Released					
surface		linear		Amphenol FCi		title		SUB MALE DW EUROPE FOOT PRINT MIXED POWER RIGHT ANGL SOLDER		dwg no		C01-8639-2304c		rev		E			
		0.X																±0.30	
		0.XX																±0.10	
		0.XXX		±0.05															
ISO 1302		angular		0°		±2°		cat. no.		-		Product - Customer Drw		sheet 7 of 7					