

Number of contacts

32

CTI > 400



Male connectors

Identification	Number of contacts	Contact arrangement	Part No.	Performance levels according to IEC 60 603-2.					
			3	2	1				
Male connector with angled solder pins									
without clip	32		Performance level 3 on request	09 22 132 6919	Performance level 1 on request				
with clip	32			09 22 332 6919					
Male connector with straight solder pins	32			09 22 132 6920					
Dimensions									
Board drillings									
Mounting side	Cross section of solder terminations Cross area (A) of contacts row a, b: A = 0.29 - 0.33 mm²								

Dimensions in mm

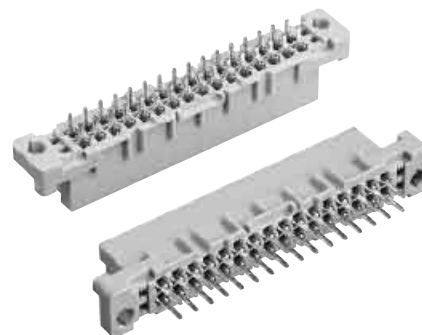
Dimensions in mm

¹⁾ Recommendation for variants with clip: Drillings can be enlarged up to 3.1 mm ϕ to reduce standard mounting force

Number of contacts

32

CTI > 400



Female connectors

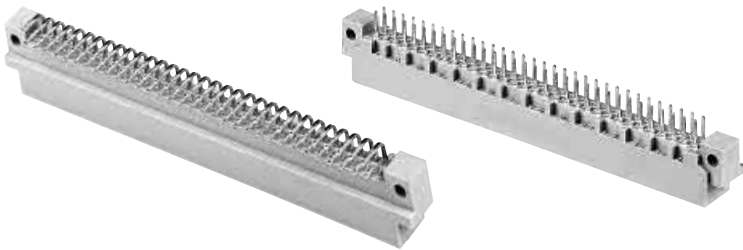
Identification	Number of contacts	Contact arrangement	Part No.	Performance levels according to IEC 60 603-2.							
			3	2	1						
Female connector with solder pins 2.9 mm	32		Performance level 3 on request	09 22 232 6841	Performance level 1 on request						
Female connector with solder pins 4.5 mm	32			09 22 232 6829							
Dimensions	<table><tr><th>a</th><th>Solder pins</th></tr><tr><td>2.9</td><td></td></tr><tr><td>4.5</td><td></td></tr></table>					a	Solder pins	2.9		4.5	
a	Solder pins										
2.9											
4.5											
Board drillings Mounting side											

Dimensions in mm

Number of contacts

64

CTI > 400



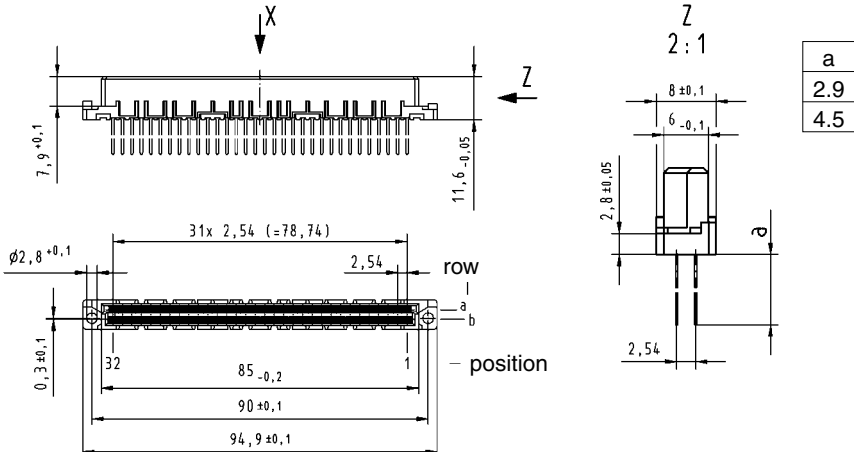
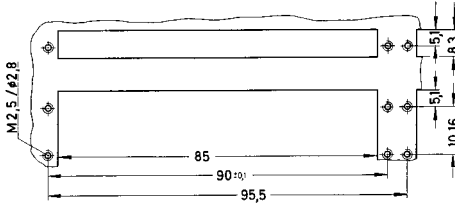
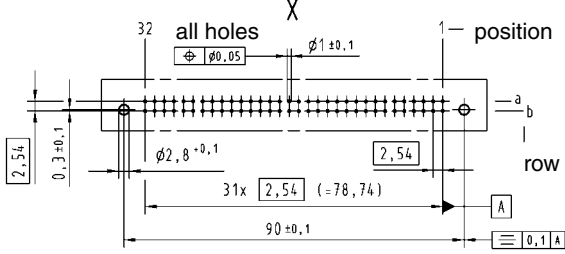
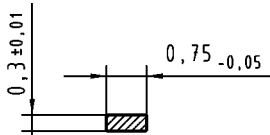
Male connectors

Identification	Number of contacts	Contact arrangement	Part No.	Performance levels according to IEC 60603-2.	
			3	2	1
Male connector with angled solder pins	64		09 02 164 7919	09 02 164 6919	Performance level 1 on request
Male connector with straight solder pins	64		Performance level 3 on request	09 02 164 6920	
Dimensions					
Board drillings Mounting side					
Cross section of solder terminations	Cross area (A) of contacts row a, b: $A = 0.29 - 0.33 \text{ mm}^2$ Dimensions in mm				

64

CTI > 400

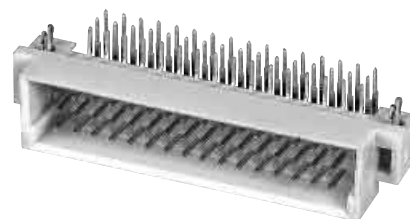


Identification	Number of contacts	Contact arrangement	Part No. 3	Performance levels according to IEC 60 603-2. 2	1			
Female connector with solder pins 2.9 mm	64		Performance level 3 on request	09 02 264 6841	Performance level 1 on request			
Female connector with solder pins 4.5 mm	64			09 02 264 6829				
Dimensions	 <table border="1" style="margin-right: 10px;"> <tr><td>a</td></tr> <tr><td>2.9</td></tr> <tr><td>4.5</td></tr> </table> Solder pins					a	2.9	4.5
a								
2.9								
4.5								
Panel cut out								
Board drillings Mounting side								
Cross section of solder terminations	 Cross area (A) of contacts row a, b: A = 0.20 - 0.23 mm² Dimensions in mm							

Number of contacts

48, 32

CTI > 400



Male connectors

Identification	Number of contacts	Contact arrangement	Part No.	Performance levels according to IEC 60 603-2.		
				3	2	1
Male connector with angled solder pins	48		09 23 148 7919	09 23 148 6919	09 23 148 2919	
	32					
	48			09 23 348 6919	09 23 348 2919	
	32					
	48			09 23 148 6920		
	32					
Male connector with straight solder pins						
Dimensions						
	Angled solder pins Straight solder pins					
Board drillings						
	Cross section of solder terminations Cross area (A) of contacts row a, b, c: A = 0.29 - 0.33 mm²					

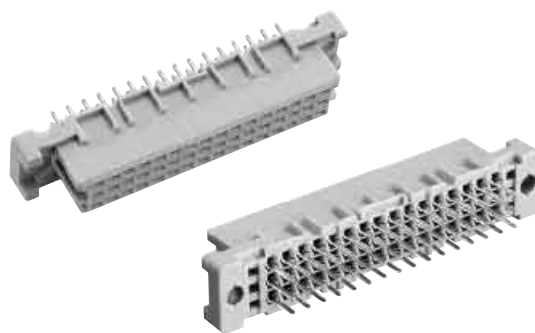
Dimensions in mm

¹⁾ Recommendation for variants with clip: Drillings can be enlarged up to 3.1 mm ϕ to reduce standard mounting force

Number of contacts

48, 32

CTI > 400



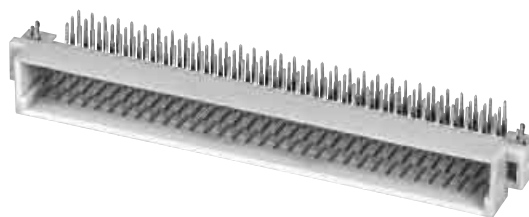
Female connectors

Identification	Number of contacts	Contact arrangement	Part No.	Performance levels according to IEC 60 603-2.						
			3	2	1					
Female connector with solder pins 2.9 mm	48		Performance level 3 on request	09 23 248 6841	Performance level 1 on request					
	32			09 23 232 6841						
Female connector with solder pins 4.5 mm	48			09 23 248 6829						
	32			09 23 232 6829						
Dimensions	row position <table><tr><td>a</td></tr><tr><td>2.9</td></tr><tr><td>4.5</td></tr></table> Solder pins					a	2.9	4.5		
a										
2.9										
4.5										
Board drillings Mounting side	all holes position row A Cross section of solder terminations Cross area (A) of contacts row a, b, c: A = 0.20 - 0.23 mm² Dimensions in mm									

Dimensions in mm

96, 64

CTI > 400



Identification	Number of contacts	Contact arrangement	Part No.	Performance levels according to IEC 60 603-2.		
			2	1		
Male connector with angled solder pins without clip	96		09 03 196 6919 09 03 696 6919 ^{c)}	09 03 196 2919		
	64		09 03 164 6919	09 03 164 2919		
	62 + 2▲			09 03 164 2918		
	with clip	96		09 03 396 6919	09 03 396 2919	
		94 + 2▲		09 03 396 6918		
		64		09 03 364 6919	09 03 364 2919	
Male connector with straight solder pins	96		09 03 196 6920			
Dimensions						
Board drillings Mounting side	Cross section of solder terminations Cross area (A) of contacts row a, b, c: A = 0.29 - 0.33 mm² Dimensions in mm					

c) Connectors with coding

Cross section
of solder
terminations

Cross area (A) of contacts
row a, b, c: $A = 0.29 - 0.33 \text{ mm}^2$

Dimensions in mm

Number of contacts

96, 64

CTI > 400



Female connectors

Identification	Number of contacts	Contact arrangement	Part No.	Performance levels according to IEC 60603-2.						
			3	2	1					
Female connector with solder pins 2.9 mm	96 64		Performance level 3 on request	09 03 296 6841 09 03 264 6841	Performance level 1 on request					
Female connector with solder pins 4.5 mm	96 64			09 03 296 6829 09 03 264 6829						
Dimensions	<table border="1"><tr><td>a</td></tr><tr><td>2.9</td></tr><tr><td>4.5</td></tr></table> Solder pins					a	2.9	4.5		
a										
2.9										
4.5										
Board drillings Mounting side	Cross section of solder terminations Cross area (A) of contacts row a, b, c: A = 0.20 - 0.23 mm²									

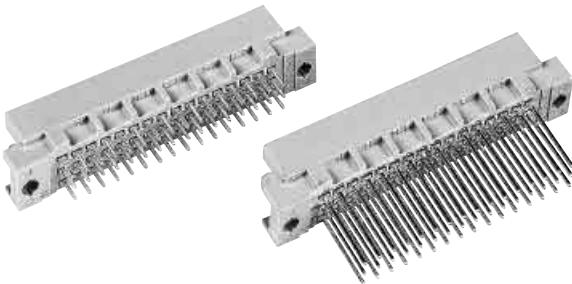
Dimensions in mm

Dimensions in mm

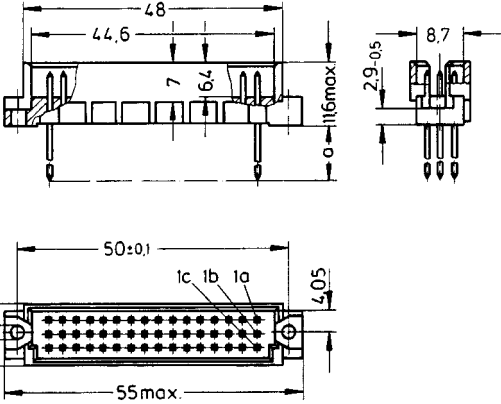
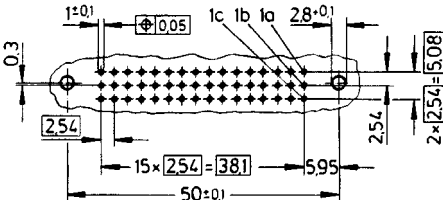
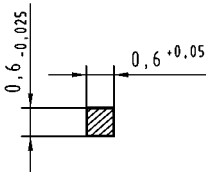
Number of contacts

48, 32

CTI > 400



Male connectors

Identification	Number of contacts	Contact arrangement	Part No.	Performance levels according to IEC 60 603-2.					
			3	2	1				
Male connector with straight solder pins 2.5 mm	48		Performance level 3 on request	09 28 148 6519	Performance level 1 on request				
	32			09 28 132 6519					
Male connector with straight solder pins 4.0 mm	48			09 28 148 6520					
	32			09 28 132 6520					
Male connector with straight solder pins 13 mm	48			09 28 148 6521					
Dimensions	<table><tr><td>a</td></tr><tr><td>2.5</td></tr><tr><td>4</td></tr><tr><td>13</td></tr></table>Solder pins					a	2.5	4	13
a									
2.5									
4									
13									
Board drillings Mounting side									
Cross section of solder terminations	 Cross area (A) of contacts row a, b, c: A = 0.35 - 0.39 mm²								

Dimensions in mm

Solder pins

a
2.5
4
13

Dimensions in mm