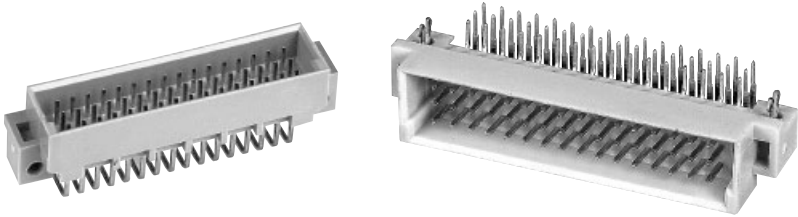


Number of contacts

48, 32, 16



Male connectors

Identification	Number of contacts	Contact arrangement	Part No.	Performance levels according to IEC 60603-2. Explanation chapter 00		
				3	2	1
Male connector with angled solder pins	48		09 23 148 7921	09 23 148 6921	09 23 148 2921	
			09 23 348 7921 ^{b)}	09 23 148 6921 222 ^{f)}	09 23 348 2921 ^{b)}	
	48		09 23 148 7919	09 23 148 6919 ^{d)}	09 23 348 6919 ^{b)d)}	
	32		09 23 132 7921	09 23 132 6921	09 23 132 2921	
			09 23 332 7921 ^{b)}	09 23 332 6921 ^{b)}	09 23 332 2921 ^{b)}	
Male connector with straight solder pins	32			09 23 132 6919 ^{d)}	09 23 332 6919 ^{b)d)}	
	16			09 23 116 6931	09 23 116 2931	
	16			09 23 316 6931 ^{b)}		
Male connector with angled solder pins	46 + 2 [▲]		09 23 148 7951	09 23 148 6951	09 23 348 6951 ^{b)}	
	48		09 23 148 7922	09 23 148 6922	09 23 148 2922	
				09 23 148 6920 ^{d)}		
	32		09 23 132 7922	09 23 132 6922	09 23 132 2922	
				09 23 132 6920 ^{d)}		

▲ Male connectors with 2 leading contacts [(0.8 mm) pos. a1 and a16]. Lagging pins on request.
Other contact arrangements on request
^{b)} Connectors with snap-in clips see chapter 00

^{d)} CTI > 400
^{f)} Railway classification NFF 16-101, Smoke index: F1, Flammability class: I2