

# SMC Type Q *Inverse Design – 2 row; 12, 26 or 50 contacts*

Plug connectors with **SMT** Connection Terminals and Various Mounting Options

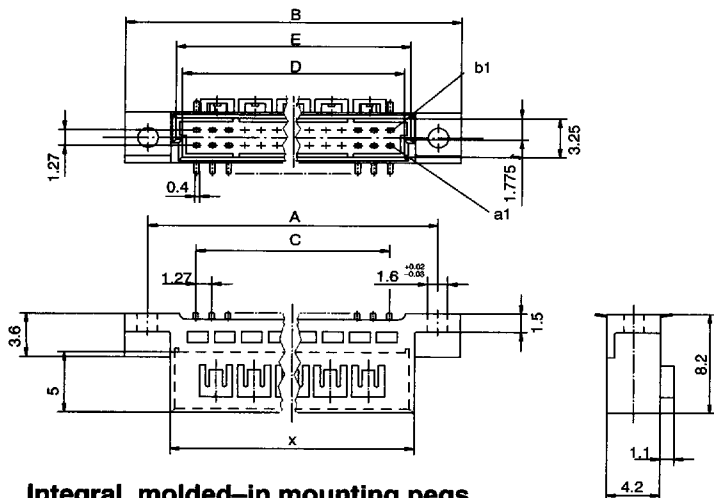
**SMT**

## Dimensional drawings

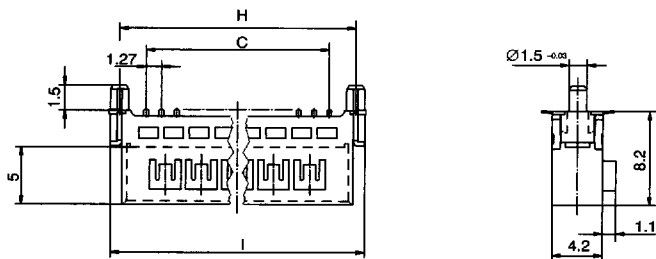
Plug connector

Socket connector currently not available

### Mounting flange for screws or rivets



### Integral, molded-in mounting pegs

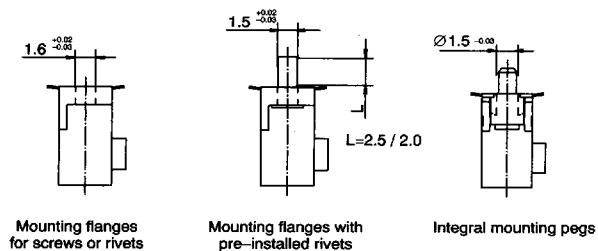


Two options available:

- Option A: requires press-in tool for PCB assembly
- Option B: for manual or robotic assembly

## Mounting Variations

Plug connectors



## Dimensions (mm)

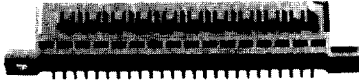
No. of Contacts	A $\pm$ 0.05	B	C	D	E	H	I
12	13.97	17.77	6.35	8.57	9.57	10.77	12.7
26	22.86	26.66	15.24	17.46	18.46	19.66	21.6
50	38.1	41.9	30.48	33.7	34.7	34.9	36.8



**Ordering Information**

Dimensional drawings found on page 10 or 12, illustrations found on page 3.

Plug Connectors with **SMT** Connection Terminals and Various Mounting Options

Versions	Plug connectors			Socket connectors		
<b>SMT</b>	SMC-Q-... M ab 			Currently not available		
Number of Contacts	12	26	50	12	26	50
<b>Round hole mounting flanges</b> (screw or rivet mounting) Hole size: Dia. 1.6mm (.062")	033 572	033 573	004 863			
	Dimensional drawing see page 10					
<b>Round hole mounting flanges</b> With pre-installed rivets for 1.0mm (.039") PC board thickness	053 254	053 255	053 256			
	<b>PC board thickness 1.0mm</b> Dimensional drawing see page 10					
<b>Round hole mounting flanges</b> With pre-installed rivets for 1.6mm (.062") PC board thickness	053 257	053 024	034 824			
	<b>PC board thickness 1.6mm</b> Dimensional drawing see page 10					
<b>Integral, molded-in mounting pegs</b> <b>Option A</b> (Includes metal leads for optional soldering) Requires press-in tool (see page 15)	053 258	053 259	053 260			
	Dimensional drawing see page 10					
<b>Integral, molded-in mounting pegs</b> <b>Option B</b> For manual or robotic assembly (Includes metal leads for optional soldering)	053 261	053 262	053 263			
	Dimensional drawing see page 10					
<b>Ejector latches for mating to IDC socket</b> With round hole mounting flange for screw or rivet mounting.	053 264	053 265	033 607			
	Dimensional drawing see page 12					
<b>Ejector latches for mating to IDC socket</b> With pre-installed rivets for 1.0mm (.039") PC board thickness	053 266	053 267	053 268			
	<b>PC board thickness 1.0mm</b> Dimensional drawing see page 12					
<b>Ejector latches for mating to IDC socket</b> With pre-installed rivets for 1.6mm (.062") PC board thickness	053 269	053 270	053 271			
	<b>PC board thickness 1.6mm</b> Dimensional drawing see page 12					

**Notes:**

- For versions with integral coding feature, please contact ERNI sales office.
- Dimensioned drawings for plug connectors with ejector latches for mating to IDC socket can be found on page 12.
- Oval or square soldering pads are recommended (see page 14)
- The SMT connector's terminal leads have been prestressed to provide a more flexible lead to accommodate the surface variations of the SMT solder pad.
- Information on application tooling for pressing in the mounting pegs can be found on page 15.