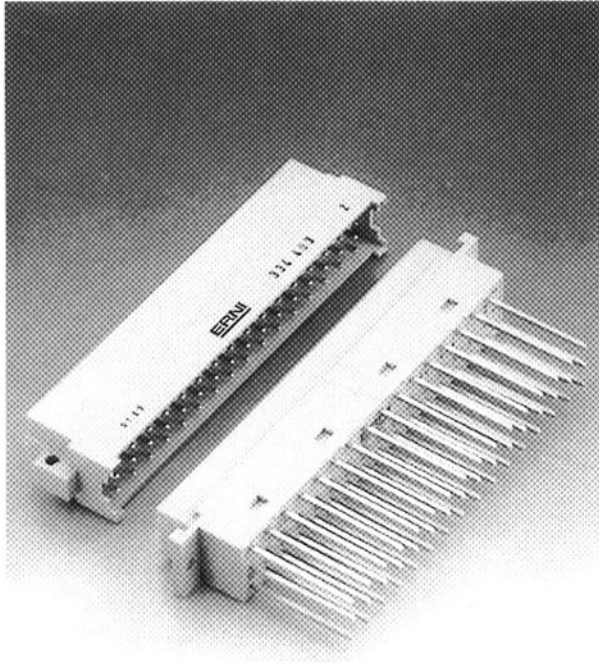


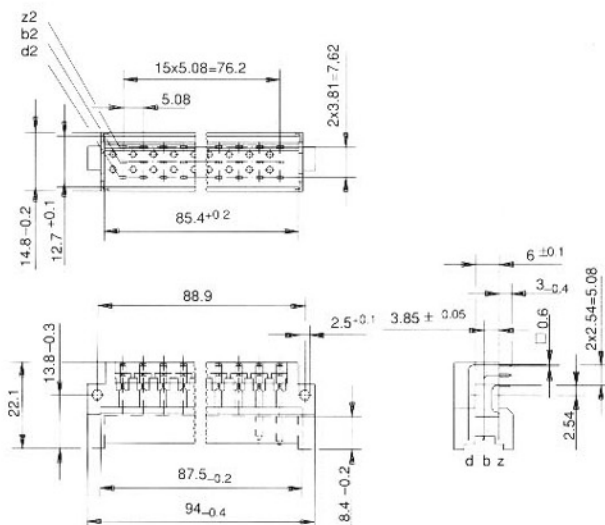
Size F

as per DIN 41 612

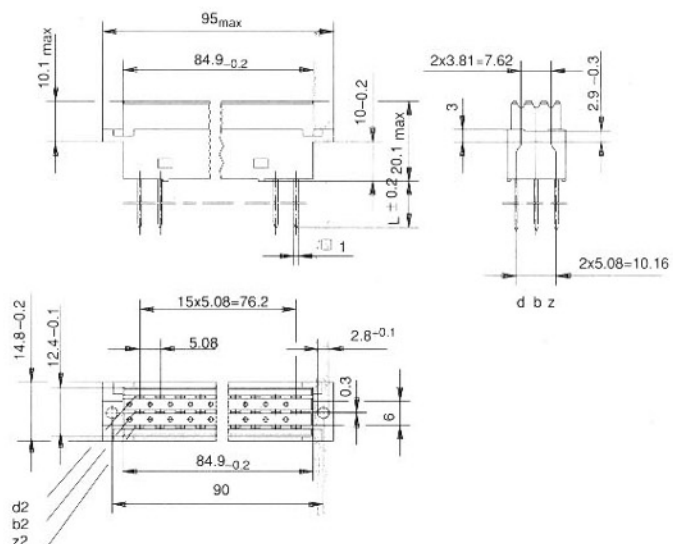


Dimensional drawings

Male connector



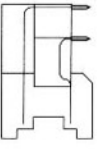
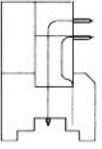
Female connector

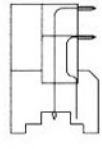
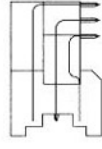


Ordering details

Male connector size F

as per DIN 41 612, maximum three rows loaded, maximum 48 contacts

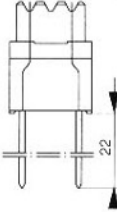
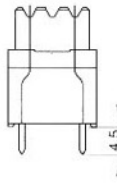
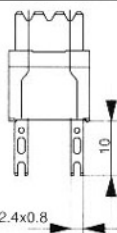
		STV-F 32-M-zd 2,4,6...32 <i>Grid dimension between the row 5.08mm</i>	
PC	107	207	
	303 284	303 484	
		STV-F 32-M-zb 2,4,6...32 <i>Grid dimension between the row 2.54mm</i>	
PC	107	207	
	303 283	303 483	

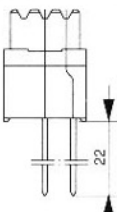
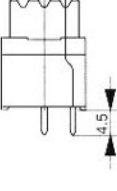
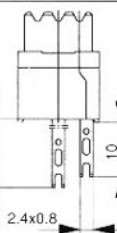
		STV-F 32-M-zb-zd 2,4,6...32 <i>Grid dimension between the row contacts area 3.81mm termination area 5.08mm</i>	
PC	107	207	
	303 091	303 491	
		STV-F 48-M-zbd 2,4,6...32 <i>Grid dimension between the row 2.54mm</i>	
PC	107	207	
	334 203	334 403	

Male connectors with early make/last break contacts can be loaded in any position.
Further versions on request.

Female connectors size F

as per DIN 41 612, maximum three rows loaded, maximum 48 contacts

		STV-F 32-F-zd 2,4,6...32 <i>Termination cross section 1x1mm</i>	
PC	107	207	
	314 204	314 404	
		STV-F 32-F-zd 2,4,6...32 <i>Termination cross section 1x1mm</i>	
PC	107	207	
	314 025	314 425	
		STV-F 32-F-zd 2,4,6...32	
PC	107	207	
	314 047	314 447	

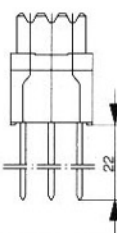
		STV-F 32-F-zb 2,4,6...32 <i>Termination cross section 1x1mm</i>	
PC	107	207	
	313 289	313 489	
		STV-F 32-F-zb 2,4,6...32 <i>Termination cross section 1x1mm</i>	
PC	107	207	
	314 221	314 421	
		STV-F 32-F-zb 2,4,6...32	
PC	107	207	
	314 045	314 445	

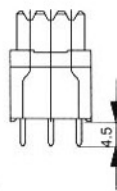
Further versions on request.

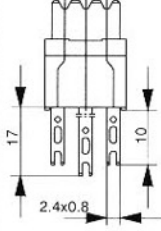
Ordering details

Female connector size F

as per DIN 41 612

		STV-F 48-F-zbd 2,4,6...32	
		Termination cross section 1x1mm	
		107	207
PC		344 234	344 434

		STV-F 48-F-zbd 2,4,6...32	
		Termination cross section 1x1mm	
		107	207
PC		344 265	344 465

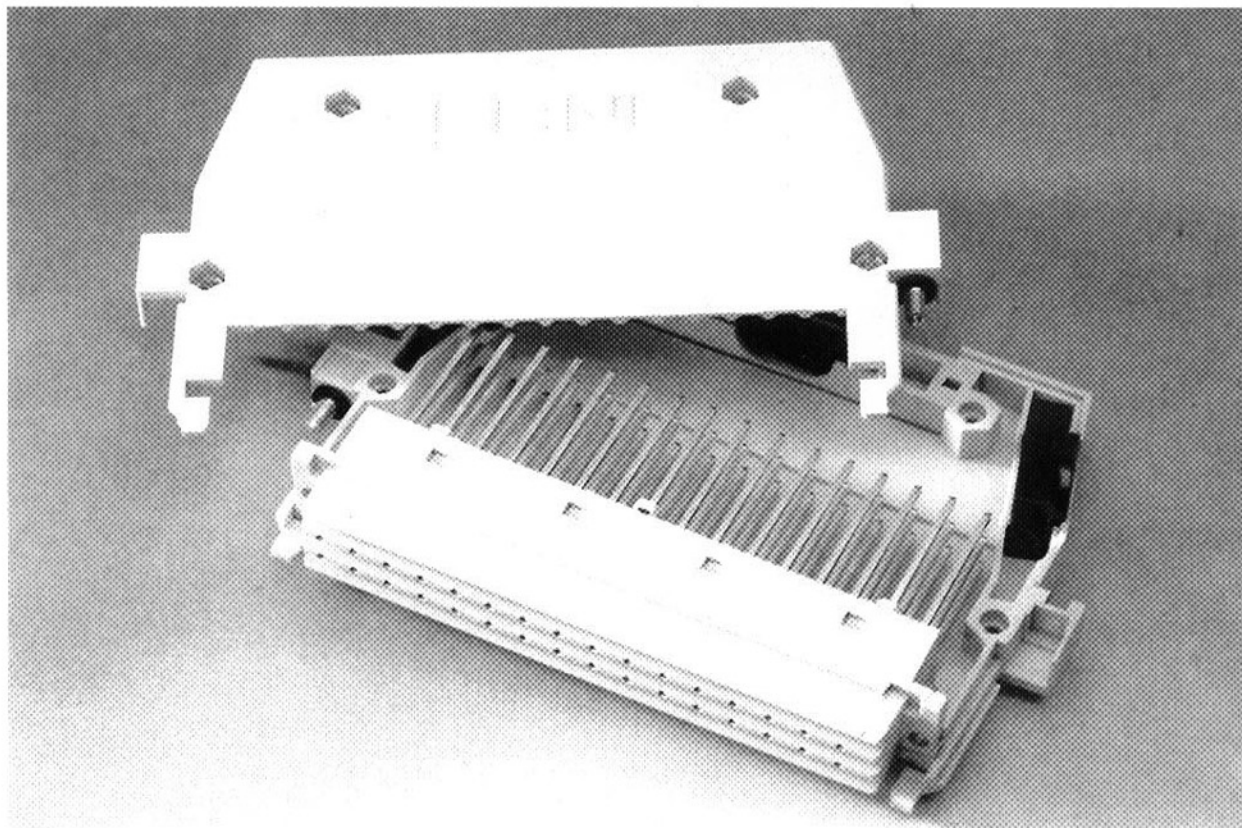
		STV-F 48-F-zbd 2,4,6...32	
		Termination cross section 2.4x0.8mm with manual soldering termination	
		107	207
PC		344 251	344 451

Size F connectors have integral coding by means of coding pins. The male connectors have pre-marked positions which require holes to be drilled. The coding pins from the male connectors can then be inserted into the complementary holes pre-drilled in the female connectors.

All size F male and female connectors are also available for use in **EX**-explosion protected equipment. The mouldings of these connectors are manufactured from creepage-proof material (CTI>000). Please address any inquiries to our sales consultants.

Further versions on request.

Example of an application



DIN 41612

The ERNI interface connector system also offers a complete range of accessories for size F connectors. Size F female connectors fit into the series KSG-203 connector housings.

Various guide elements are available for installing these connectors on the front panel, the guide elements and frames permit connections from the wiring side of the 19" rack.

The slim design of size F connectors is maintained even when installed in an ERNI connector housing. The housings have an overall width of only 15 mm

and therefore fit into the 3x5.08 mm (15.24 mm) module. With ERNI connector housings, insertion and withdrawal is achieved by the use of integral mounting screws.

All individual metal parts around the connector housing are securely fitted to prevent short circuits during removal.

For applications where protection against incorrect mating is necessary, a coding system is available. For information on use and ordering details, please refer to the data sheet "Mateable Wiring Transfer System" or consult our Sales Department.

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