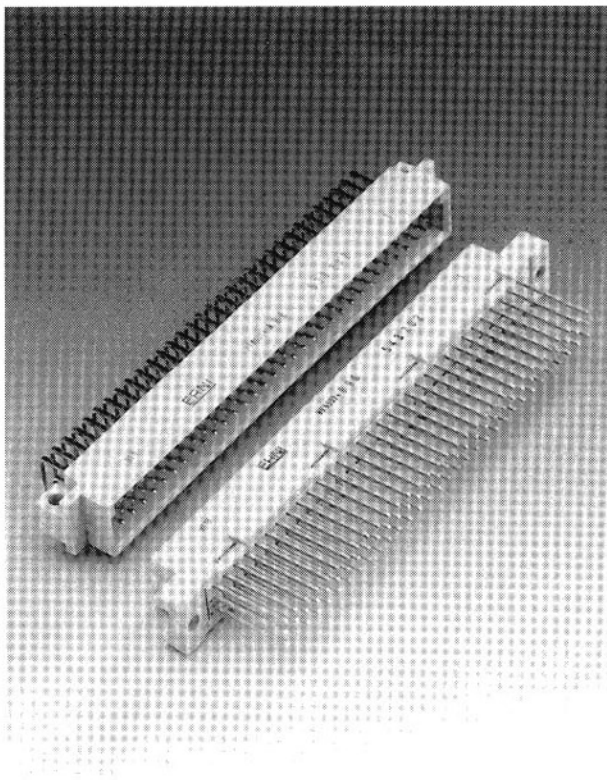


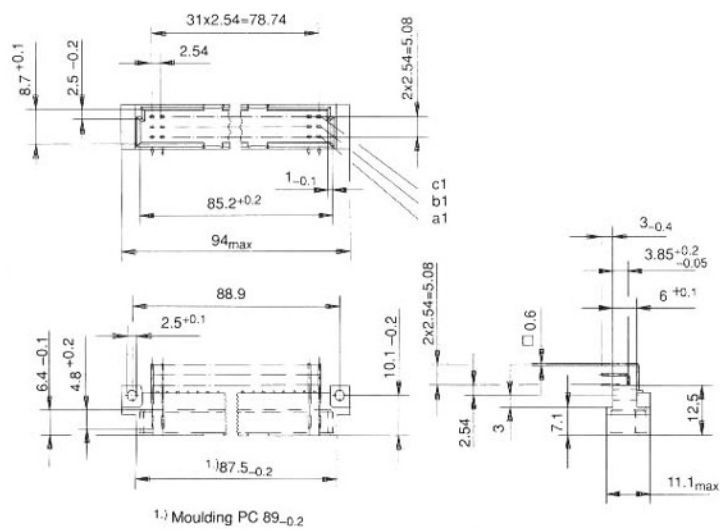
Size C

as per DIN 41 612

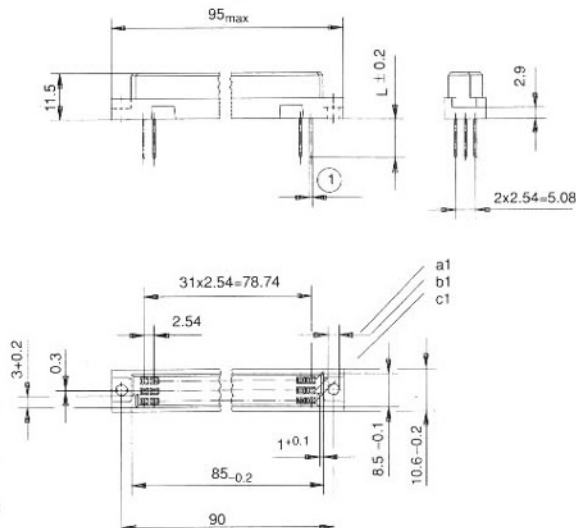


Dimensional drawings

Male connector



Female connector

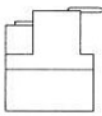
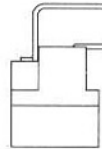
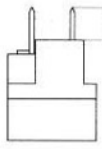
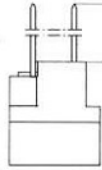
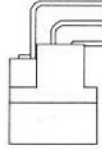
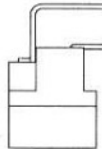
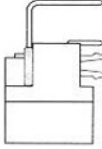


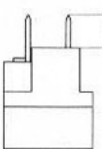
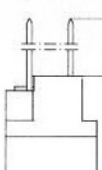
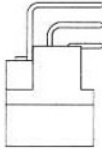
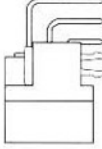
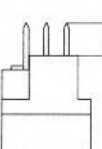
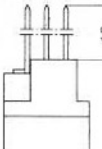
① connectors for dip soldering are available with terminations of $0.25 \times 0.7 \text{ mm}$ or 0.6×0.6 . Wire-wrap-terminations $0.6 \times 0.6 \text{ mm}$.

Ordering details

Male connector size C

as per DIN 41 612, maximum three rows loaded, maximum 96 contacts

	STV-C 32-M-a		
	PBT	107	207
		533 204	
	STV-C 32-M-ac 2,4,6...32		
	PBT	107	207
		533 203*	533 403
	STV-C 32-M-ac 2,4,6...32		
	PBT	107	207
		414 400	414 401
	STV-C 32-M-ac 2,4,6...32		
	PBT	107	207
		414 403	414 404
	STV-C 48-M-abc 2,4,6...32		
	PBT	107	207
		533 223	533 423
	STV-C 64-M-ac		
	PBT	107	207
		533 201*	533 401
	STV-C 64-M-ac <i>Male connector with integral mounting pegs</i>		
	PBT	107	207
		004 413	

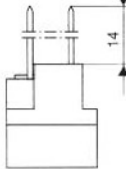
	STV-C 64-M-ac		
	PBT	107	207
		414 406	414 407
	STV-C 64-M-ac		
	PBT	107	207
		414 409	414 410
	STV-C 96-M-abc		
	PBT	107	207
		533 202*	533 402
	STV-C 96-M-abc <i>Male connector with integral mounting pegs</i>		
	PBT	107	207
		434 325	
	STV-C 96-M-abc		
	PBT	107	207
		414 412	414 413
	STV-C 96-M-abc		
	PBT	107	207
		414 415	414 416

*German MIL approval can be found on page 3.

Additional versions e.g. terminations for solder eyelets available on request.

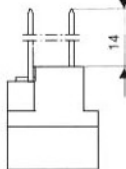
Male connector size C

as per DIN 41 612 with gold plated transfer zone



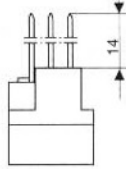
STV-C 32-M-ac 2,4,6...32^①

	101	201
PC	303 212	



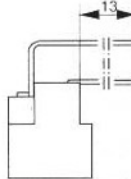
STV-C 64-M-ac^①

	101	201
PC	333 010	



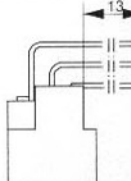
STV-C 96-M-abc^①

	101	201
PC	333 017	



STV-C 64-M-ac^①

	101	201
PC	333 090	



STV-C 96-M-abc^①

	101	201
PC	333 082	

① Entire lengh of contacts gold plated.
Suitable for adaption technique.

Ordering details

Female connector size C

as per DIN 41 612, maximum three rows leaded, maximum 96 contacts

	STV-C 32-F-a		
		107	207
	PBT	543 204	

	STV-C 32-F-ac 2,4,6...32		
		107	207
	PBT	543 203*	543 403

	STV-C 32-F-ac 2,4,6...32 <i>Termination cross section $\square$ 0.25x0.7mm</i>		
		107	207
	PBT	004 985*	004 767

	STV-C 32-F-ac 2,4,6...32 <i>Termination cross section $\square$ 0.25x0.7mm</i>		
		107	207
	PBT	004 984	023 071

	STV-C 48-F-abc 2,4,6...32		
		107	207
	PBT		594 668

	STV-C 64-F-ac		
		107	207
	PBT	543 201*	543 401

	STV-C 64-F-ac <i>Termination cross section $\square$ 0.25x0.7mm</i>		
		107	207
	PBT	594 076*	594 834

	STV-C 64-F-ac <i>Termination cross section $\square$ 0.25x0.7mm with integral mounting pegs</i>		
		107	207
	PBT		033 590

	STV-C 64-F-ac <i>Termination cross section $\square$ 0.25x0.7mm</i>		
		107	207
	PBT	433 012	594 971

	STV-C 64-F-ac <i>for a right angled reverse female size R refer to page 24</i>		
		101	201
	PC	343 064	

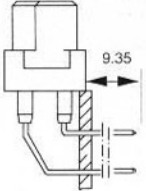
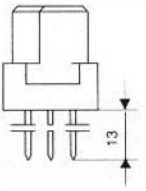
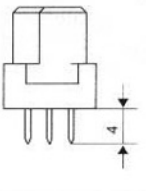
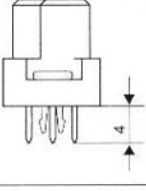
* German MIL approval can be found on page 3.

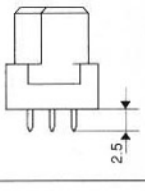
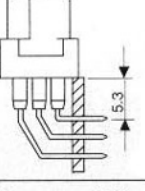
Additional versions e.g. terminations for solder eyelets are available on request.

Ordering details

Female connector size C

as per DIN 41 612, maximum three rows loaded, maximum 96 contacts

	STV-C 64-F-ac		
	PC	101	201
		343 083	
	STV-C 96-F-abc		
	PBT	107	207
		543 202*	543 402
	STV-C 96-F-abc Termination cross section $\square 0.25 \times 0.7 \text{ mm}$		
	PBT	107	207
		594 073*	594 833
	STV-C 96-F-abc Termination cross section $\square 0.25 \times 0.7 \text{ mm}$ with integral mounting pegs		
	PBT	107	207
		033 228	

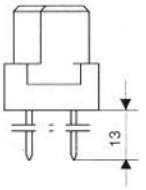
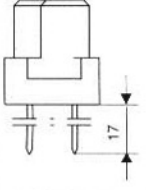
	STV-C 96-F-abc Termination cross section $\square 0.25 \times 0.7 \text{ mm}$		
	PBT	107	207
		004 983*	003 664
	STV-C 96-F-abc for a right angled reverse female size R refer to page 24		
	PC	101	201
		343 061	

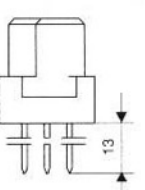
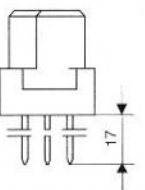
* German MIL approval can be found on page 3.

Additional versions e.g. terminations for solder eyelets and other lengths of terminations e.g. 10mm are available on request.

Female connector size C

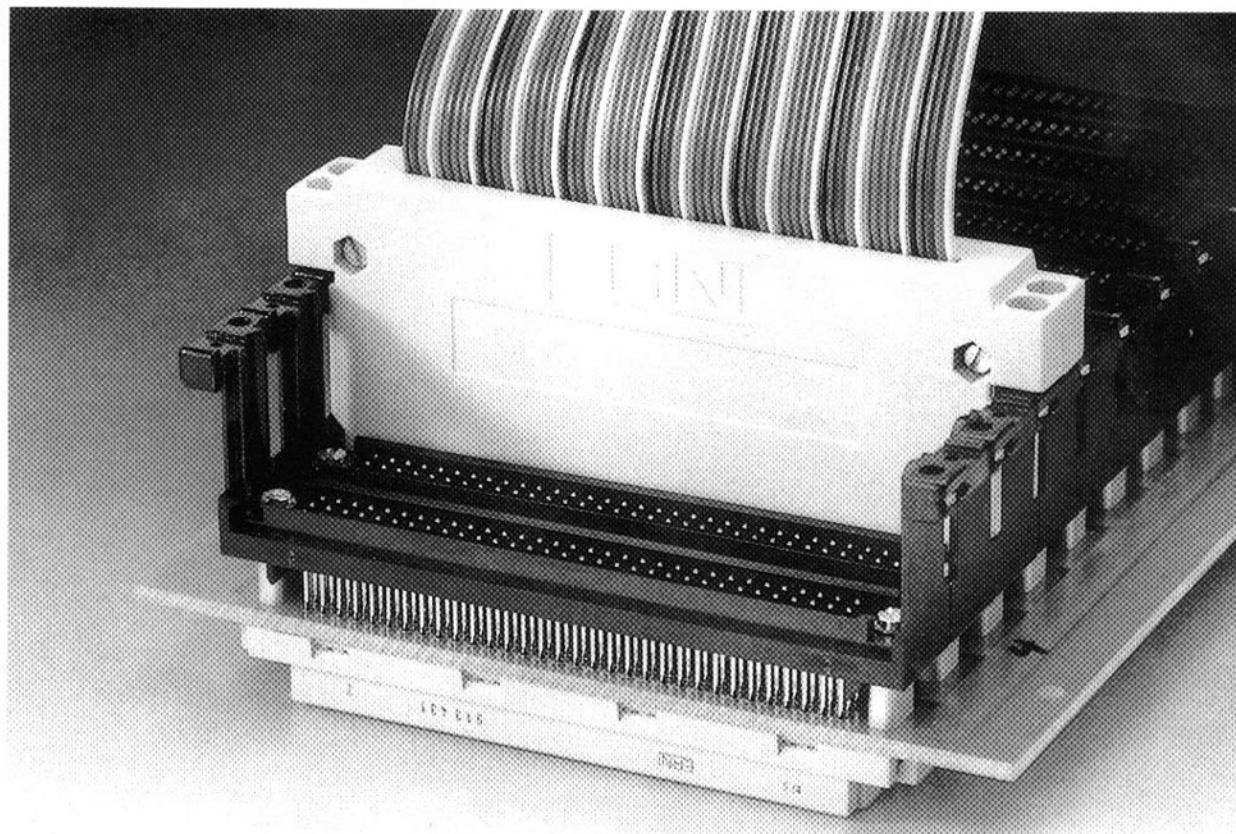
as per DIN 41 612 with gold plated transfer zone ①

	STV-C 64-F-ac UE ①		
	PBT	101	201
		013 962	
	STV-C 64-F-ac UE ①		
	PBT	101	201
		593 441	593 405

	STV-C 96-F-abc UE ①		
	PBT	101	201
		013 905	
	STV-C 96-F-abc UE ①		
	PBT	101	201
		593 443	593 406

① Entire length of contacts nickel-plated, transfer zone (5mm) solid-gold plated.

Example of an application



DIN 41612

For female connectors with hard gold plated transfer zone terminations, ERNI offers a specific guide frame for the design in the wiring field or on the front panel in a chassis.

For ordering details regarding the ERNI interface system please refer to the data sheet titled "Mateable wiring transfer system".

<u>Part-No.</u>	<u>Page</u>	<u>Part-No.</u>	<u>Page</u>
003664	5	594073	5
004413	2	594076	4
004767	4	594668	4
004983	5	594833	5
004984	4	594834	4
004985	4	594971	4
013905	5		
013962	5		
023071	4		
033228	5		
033590	4		
303212	3		
333010	3		
333017	3		
333082	3		
333090	3		
343061	5		
343064	4		
343083	5		
414400	2		
414401	2		
414403	2		
414404	2		
414406	2		
414407	2		
414409	2		
414410	2		
414412	2		
414413	2		
414415	2		
414416	2		
433012	4		
434325	2		
533201	2		
533202	2		
533203	2		
533204	2		
533223	2		
533401	2		
533402	2		
533403	2		
533423	2		
543201	4		
543202	5		
543203	4		
543204	4		
543401	4		
543402	5		
543403	4		
593405	5		
593406	5		
593441	5		
593443	5		