



The 2.54 mm single row cable connector system is ideally suitable for high reliable and space saving connections between PCBs and decentral units, e.g. lamps or info-panels, front plate elements like buttons, switches, fuses or LEDs, motors, fans etc. The cable system can be used in different applications, for example: automotive, telecom, industrial, medical or even consumer electronics.

Thanks to the availability of vertical and right angle male connectors and female connectors with 180° cable outlet the system can be used in a versatile manner. Emphasis is put on flexibility of the usable cable sizes. Thus the required current carrying capacity can be adjusted over a wide range.

The male connector provides SMT-terminals and the female connector has contact cavities according to the crimp contacts. The plastic material used is suitable for lead-free reflow soldering.

Tape-and-Reel packaging and pick and place pad for fully automatic assembly is a standard. The crimp contacts are secured twice and reach highest retention forces. There are 4 mechanical and different coloured coding versions with high blocking forces against mismatching. Cable and male connector have a locking system which prevents the contact from loosening due to vibration. The cable connector can be removed without an additional tool.

Technical Features

- Number of pins: 2, 3, 5 and 8
- Pitch: 2.54 mm
- Current carrying capacity per contact: up to 12 A*
(8 Pos connector up to 96 A* per connector)
- Termination: Male connector SMT
Female connector crimp
- Single stranded wires: AWG 18, 20, 22
- Vertical and right angle male connector
Female connector 180° cable outlet
- Robust positive locking feature
- 4 coding versions: black, red, green, blue

* For specific data, please see the corresponding derating curve.

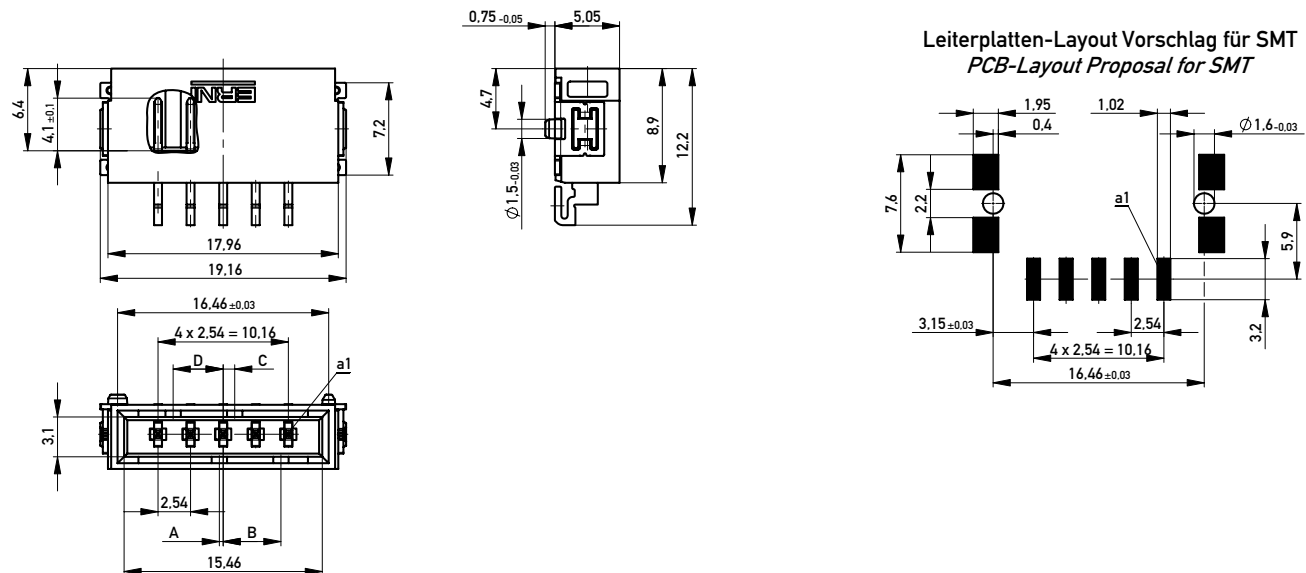
2.54 mm Single Row Connectors (SRC)

MaxiBridge™

Right Angle Male Connectors

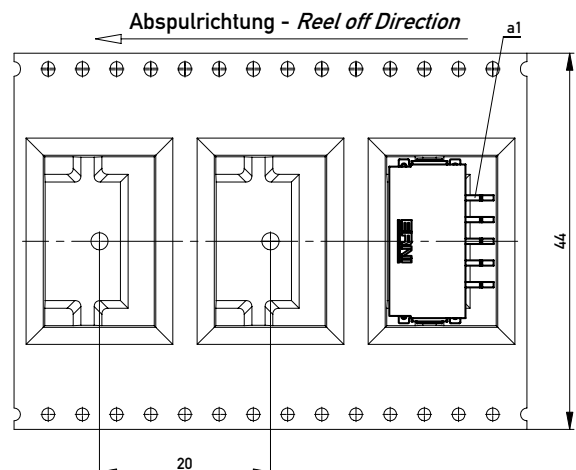
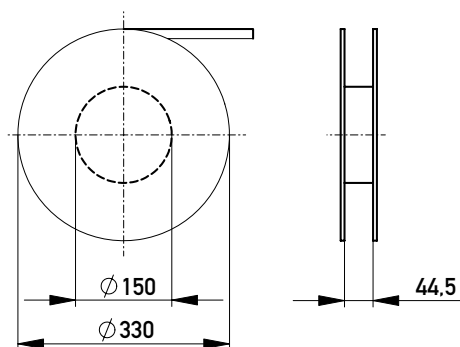


Dimensional Drawings 5 Pin Versions

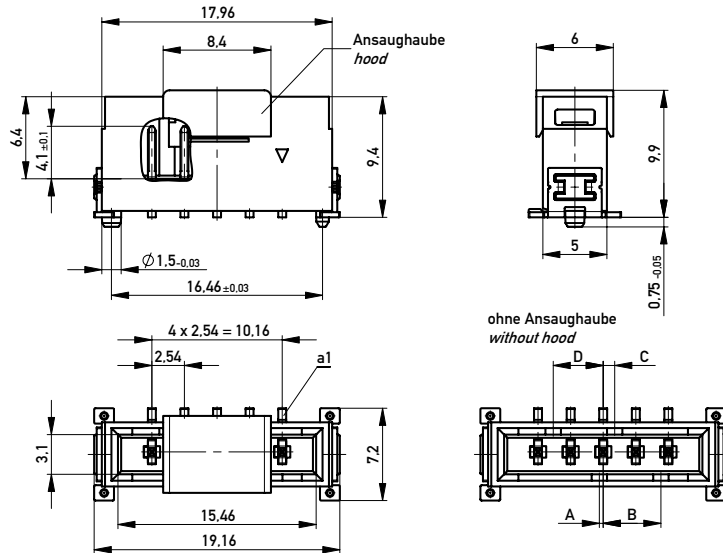


254826		rot red	3.9	0.9	4.5	0.3
254825		grün green	2.7	2.1	3.3	1.5
254824		blau blue	1.5	3.3	2.1	2.7
254823		schwarz black	0.3	4.5	0.9	3.9
Ident-Nr. part-no.	Codierung coding	Farbe color	A	B	C	D

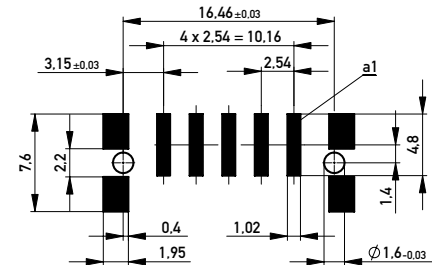
Verpackt in Gurtverpackung - Tape on Reel Packaging
Verpackungseinheit: 440 Stück - Packaging unit: 440 pcs

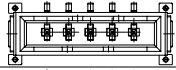
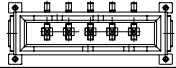


Dimensional Drawing 5 Pin Versions

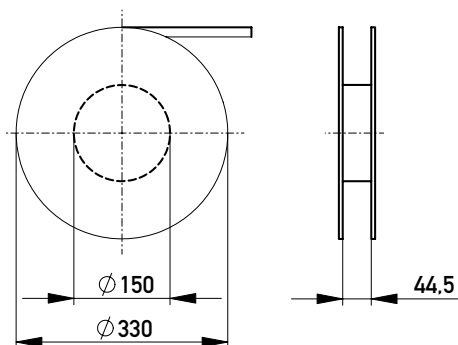


Leiterplatten-Layout Vorschlag für SMT PCB-Layout Proposal for SMT

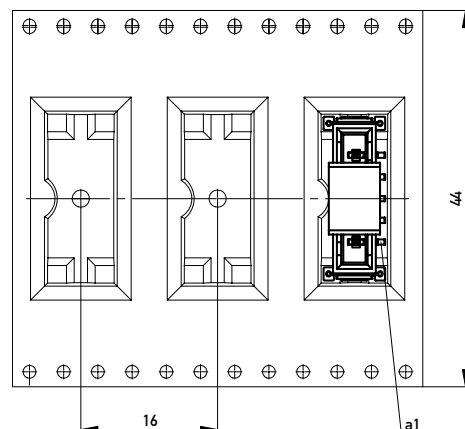


254834		rot red	3.9	0.9	4.5	0.3
254833		grün green	2.7	2.1	3.3	1.5
254832		blau blue	1.5	3.3	2.1	2.7
254831		schwarz black	0.3	4.5	0.9	3.9
Ident-Nr. part-no.	Codierung coding	Farbe color	A	B	C	D

Verpackt in Gurtverpackung - Tape on Reel Packaging
Verpackungseinheit: 320 Stück - Packaging unit: 320 pcs



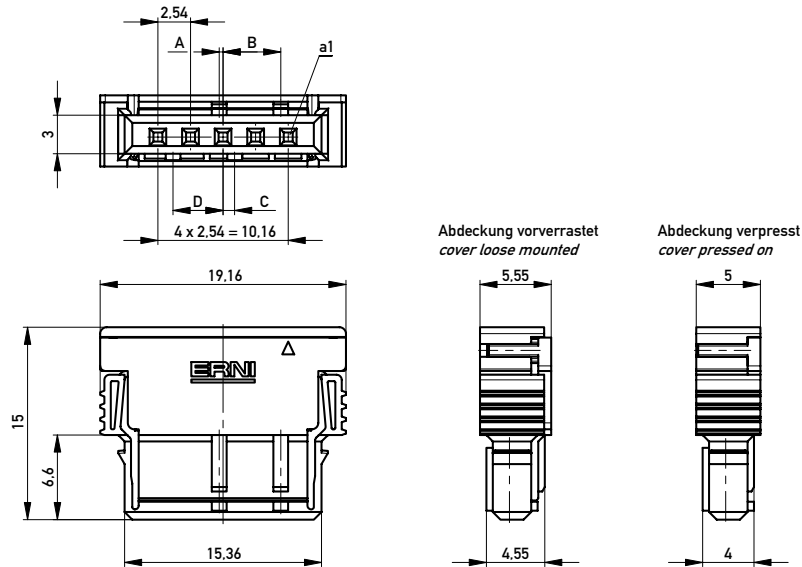
Abspulrichtung - Reel off Direction



2.54 mm Single Row Connectors (SRC) MaxiBridge™ Female Connectors

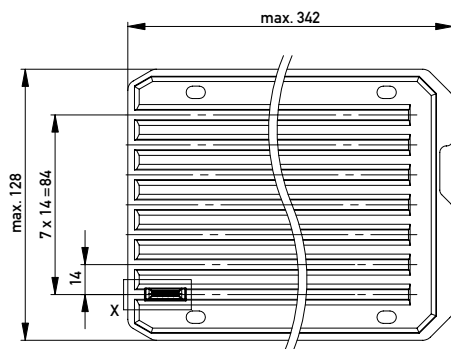


Dimensional Drawing 5 Pin Version



254830		rot red	3.9	0.9	4.5	0.3
254829		grün green	2.7	2.1	3.3	1.5
254828		blau blue	1.5	3.3	2.1	2.7
254827		schwarz black	0.3	4.5	0.9	3.9
Ident-Nr. part-no.	Codierung coding	Farbe color	A	B	C	D

Verpackt in Tray - tray packaging
Verpackungseinheit 112 Stück - packaging unit 112





2.54 mm Single Row Connectors (SRC)

MaxiBridge™

Ordering Information

Configuration	Number of Pins	Termination	Coding	Packaging/Unit	Part Number
Right Angle Male	2	SMT	black	Tape and reel/440 pcs	234832
Right Angle Male	2	SMT	blue	Tape and reel/440 pcs	234833
Right Angle Male	2	SMT	green	Tape and reel/440 pcs	234834
Right Angle Male	2	SMT	red	Tape and reel/440 pcs	234835
Right Angle Male	3	SMT	black	Tape and reel/440 pcs	284052
Right Angle Male	3	SMT	blue	Tape and reel/440 pcs	284053
Right Angle Male	3	SMT	green	Tape and reel/440 pcs	284054
Right Angle Male	3	SMT	red	Tape and reel/440 pcs	284055
Right Angle Male	5	SMT	black	Tape and reel/440 pcs	254823
Right Angle Male	5	SMT	blue	Tape and reel/440 pcs	254824
Right Angle Male	5	SMT	green	Tape and reel/440 pcs	254825
Right Angle Male	5	SMT	red	Tape and reel/440 pcs	254826
Right Angle Male	8	SMT	black	Tape and reel/440 pcs	284121
Right Angle Male	8	SMT	blue	Tape and reel/440 pcs	284122
Right Angle Male	8	SMT	green	Tape and reel/440 pcs	284123
Right Angle Male	8	SMT	red	Tape and reel/440 pcs	284124
Vertical Male	5	SMT	black	Tape and reel/320 pcs	254831
Vertical Male	5	SMT	blue	Tape and reel/320 pcs	254832
Vertical Male	5	SMT	green	Tape and reel/320 pcs	254833
Vertical Male	5	SMT	red	Tape and reel/320 pcs	254834

2.54 mm Single Row Connectors (SRC)

MaxiBridge™

Ordering Information



Configuration	Number of Pins	Termination	Coding	Packaging/Unit	Part Number
Female	2	crimp	black	Tray/182 pcs	284044
Female	2	crimp	blue	Tray/182 pcs	284045
Female	2	crimp	green	Tray/182 pcs	284046
Female	2	crimp	red	Tray/182 pcs	284047
Female	3	crimp	black	Tray/154 pcs	284048
Female	3	crimp	blue	Tray/154 pcs	284049
Female	3	crimp	green	Tray/154 pcs	284050
Female	3	crimp	red	Tray/154 pcs	284051
Female	5	crimp	black	Tray/112 pcs	254827
Female	5	crimp	blue	Tray/112 pcs	254828
Female	5	crimp	green	Tray/112 pcs	254829
Female	5	crimp	red	Tray/112 pcs	254830
Female	8	crimp	black	Tray/77 pcs	284117
Female	8	crimp	blue	Tray/77 pcs	284118
Female	8	crimp	green	Tray/77 pcs	284119
Female	8	crimp	red	Tray/77 pcs	284120

Configuration	Termination	Packaging	Part Number
Female contact	crimp	Reel/10000 pcs	284069
Female contact	crimp	Reel/500 pcs	284070
Female contact	crimp	Bulk/100 pcs	284071