

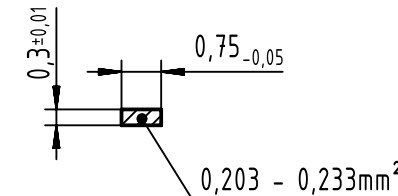


Assembly and soldering instructions

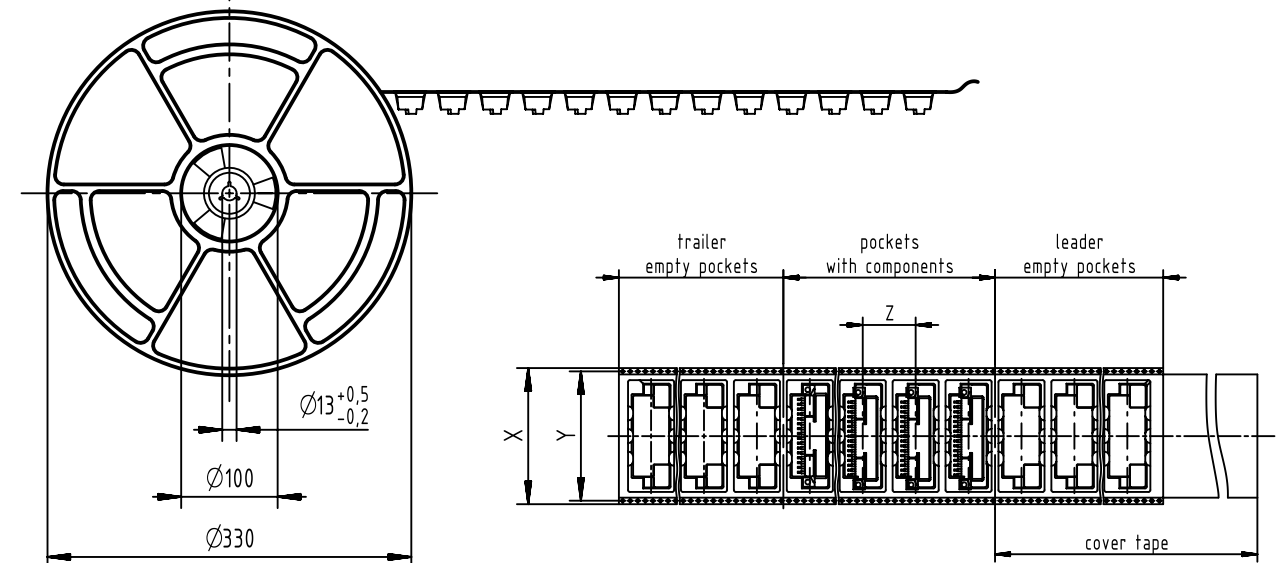
(1) For prototypes and short runs protect the connectors with an industrial adhesive tape, e.g. Tesaband 4331 (www.tesa.de). Cover the underside of the connector moulding and the adjacent parts of the pcb as well as the open sides of the connector. This will prevent heat and gases of the soldering apparatus from damaging the connector. About 140 + 5 mm of the tape should suffice.

(2) For large series a jig is recommended. Its protective cover with a fast action mechanical locking device shields the connectors from gas and heat generated by the soldering apparatus. As an additional protection a foil can be used for covering the parts that should not be soldered.

Cross section of solder terminations



Tape & Reel layout acc. to EIA-481-D



type	2Q	3Q	2R	3R
X	72 ±0,3	56 ±0,3	72 ±0,3	72 ±0,3
Y	68,4 ±0,15	52,4 ±0,15	68,4 ±0,15	68,4 ±0,15
Z	28 ±0,15	24 ±0,15	28 ±0,15	28 ±0,15
leading pockets	5	6	5	5
trailing pockets	6	7	6	6
pockets with components	150	240	150	150
cover tape	400	400	400	400

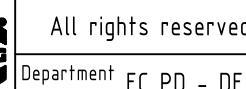
All Dimensions in mm
Original Size DIN A3

Scale
1:1

	Free size tol.
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Ref.

Sub.



Created by
STORCK

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Standardisation
HOFFMANN

Date	2017-04-12
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State
Final Release

HARTING Electronics GmbH

D-32339 Espelkamp

Title	DIN signal female connector angled SMC, tape & reel
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Type DS

Number	09732230202
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Doc-Key / ECM-Nr.
100692769/UGD/000/C
500000118116

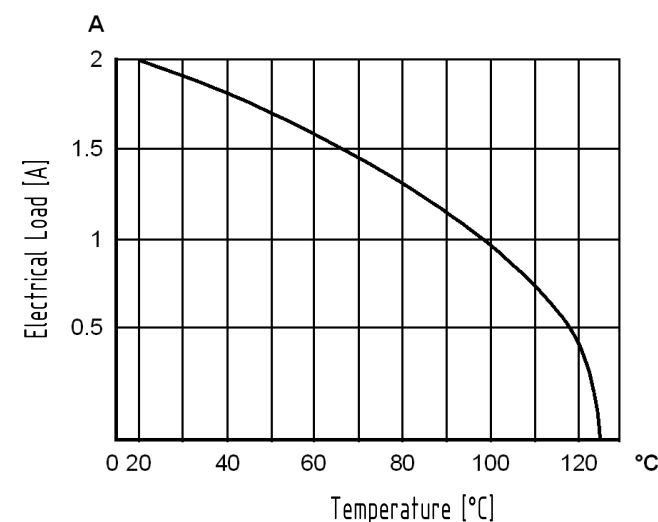
Rev. C

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The current carrying capacity is limited by maximum temperature of materials for inserts and contacts including terminals.

The current capacity curve is valid for continuous, non interrupted current loaded contacts of connectors when simultaneous power on all contacts is given, without exceeding the maximum temperature.

Control and test procedures according to DIN IEC 60512-5



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