POWER SOCKET M3

INTERNAL THREAD,
SMD SOLDERING TECHNOLOGY,
THROUGH HOLE

COMMERCIAL DATA

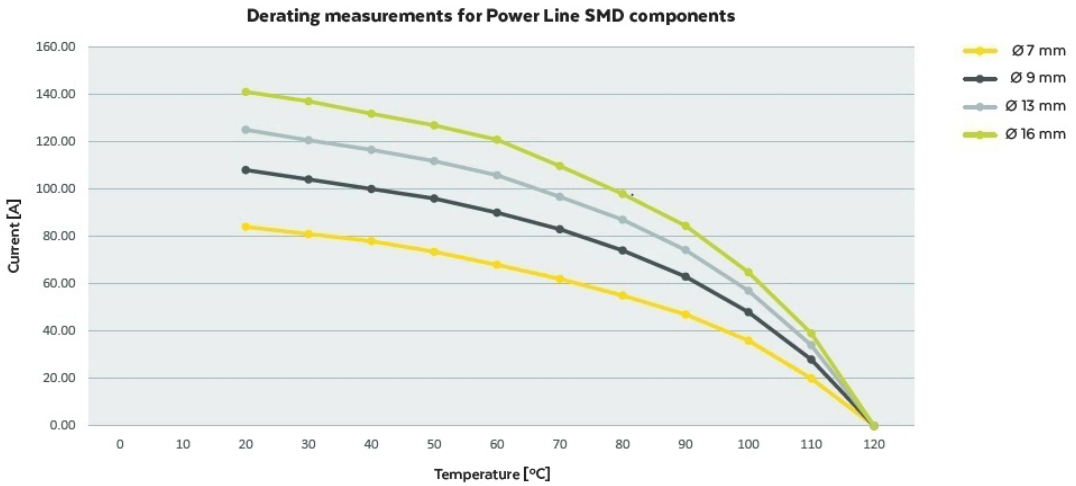
Part number	**02.6.0066**

Packing Unit tape and reel - 2.6.0066.GU08	**400 pieces**
Customs tariff number	**85369010**
Mass	**1,76 g**
Country of origin	**DE (Germany)**

TECHNICAL DATA

Current carrying capacity	**ca. 70 A at 20°C / ca. 40 A at 85° C**
Material	**CuZn39Pb3**
Surface	**matt tinned**

Derating curves are snapshots under test conditions!
Testing was undertaken using two-layer circuit with 70µm copper.



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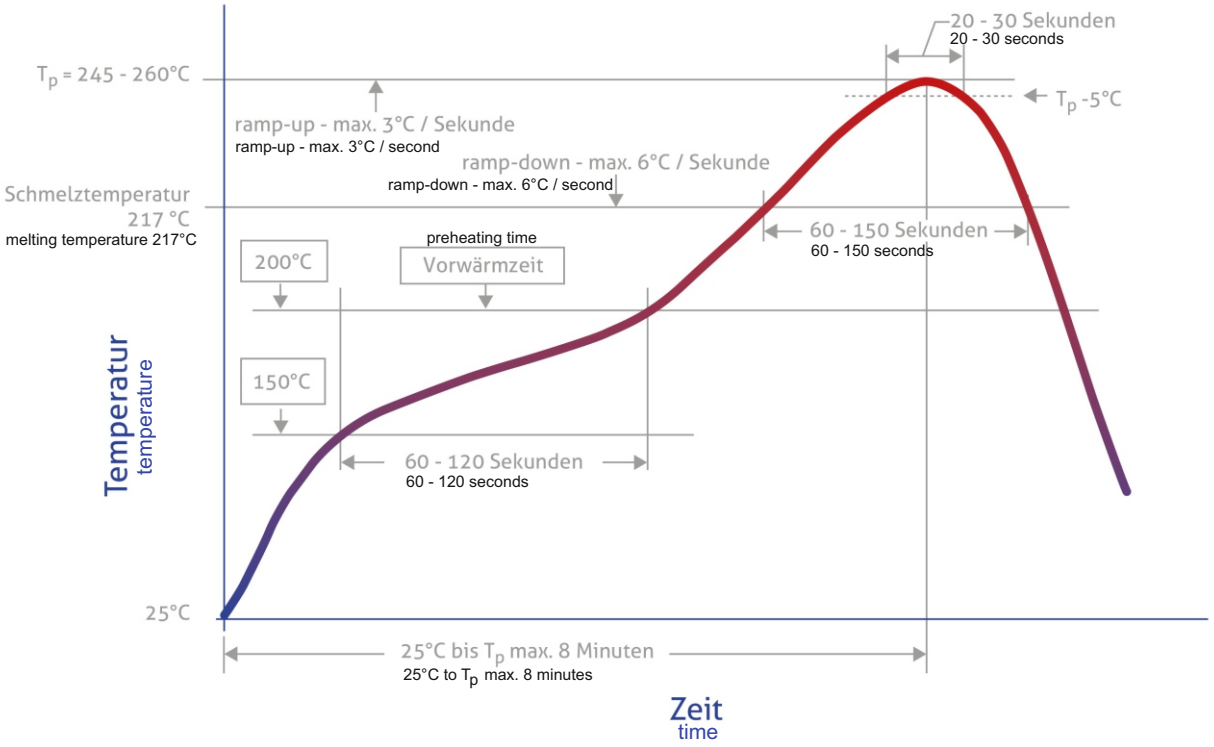
MTCON NECTIVITY

PROCESSING

Torque	**0,35 Nm**
Solder paste thickness	**150 µm**
Operating temperature	**-55°C to 150°C**

SOLDERING PROFILE



Reflow Temperatur in Abhängigkeit der Leiterplattendicke:

Reflow temperture depanding on the thickness of the printed circuit board:

Eigenschaften properties	Volumen mm³ <350 volume mm³ < 350	Volumen mm³ 350-2000 volume mm³ 350-2000	Volumen mm³ >2000 volume mm³ > 2000
Leiterplattendicke (Bleifrei) < 1.6 mm PCB thickness (lead free) < 1.6 mm	260 °C	260 °C	260 °C
Leiterplattendicke (Bleifrei) 1.6 mm - 2.5 mm PCB thickness (lead free) 1.6 mm - 2.5 mm	260 °C	250 °C	245 °C
Leiterplattendicke (Bleifrei) ≥ 2.5 mm PCB thickness (lead free) ≥ 2.5 mm	250 °C	245 °C	245 °C

mit Bezug auf IPC/JEDEC J-STD-020D
regarding IPC/JEDEC J-STD-020D

CONFORMITY

- RoHS compliant

RoHS COMPLIANT

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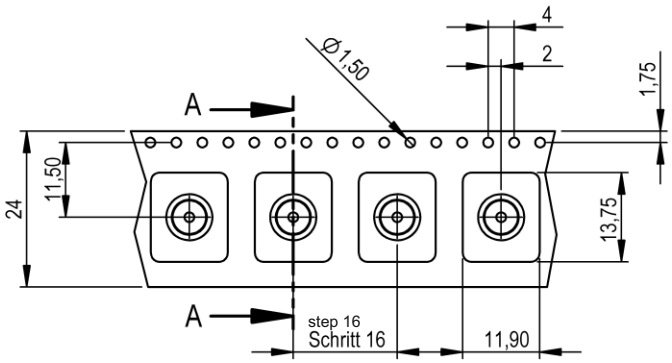
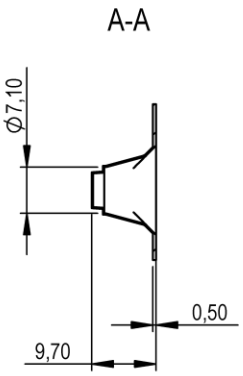
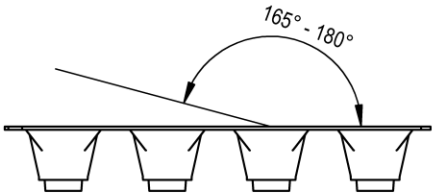
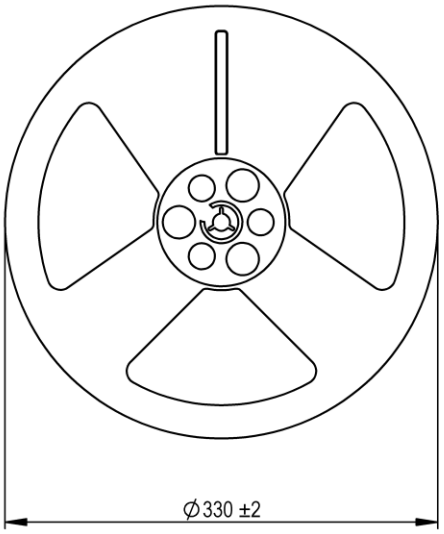
TAPE AND REEL

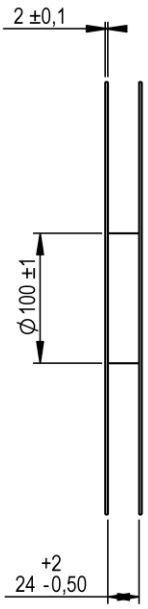




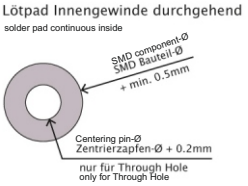


Packaging according IEC 60286-3:2007
Tape-Breite / tape width: 24 mm
pull-out-force: 0,1 N - 1,3 N
no components in the first min. 100mm
no components in the last min. 160mm





LAYOUT



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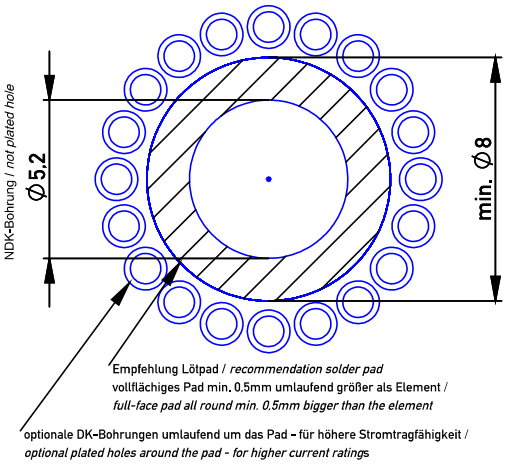
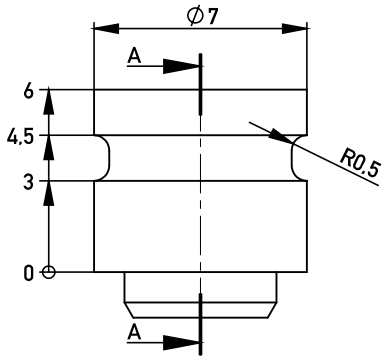
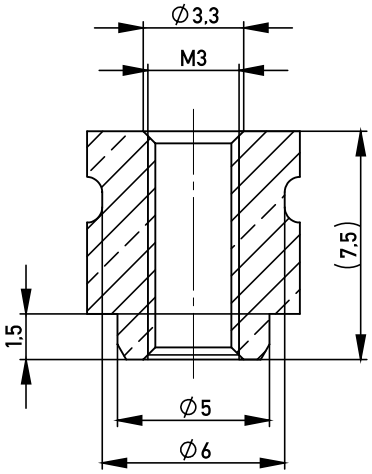
LAYOUT

Verpackung / *packaging*	Artikelnummer / *part number*
lose / *bulk*	02.6.0066
tape and reel	02.6.0066.GU08





cut A-A
SCHNITT A-A



RoHS COMPLIANT

Ausführung: SMD
Max. Drehmoment: 0,35 Nm
Gewicht: 1,76 g
Technische Änderungen vorbehalten

execution: SMD
max. torque: 0,35 Nm
weight: 1,76 g
technical subject to change

Werkstoff / *material*	CuZn39Pb3	Toleranz / *tolerance*	Maßstab / *scale* 5:1
Oberfläche / *surface plating*	matt verzinnt / *mat tin-plated*	DIN ISO 2768-mH	Zeichnungsnummer / *drawing number* 02.6.0066
Prozessbedingte Fehlstellen in Galvanik möglich! *imperfections during electro plating process possible!*		all dimensions in mm	Benennung / description: Power Socket M3, SMD, 7er rund, through hole, SMD, svens round, through hole

	Datum / *date*	Name / *name*
Bearb. / *drawer*	27.02.2017	
gepr. / *auth.*		
geän. / *mod.*		

Index	Änderung / *modification*	Datum / *date*	Name / *name*
	REACH entfernen	17.07.2018	
A	Neuerstellung	27.02.2017	

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