

General

Productgroup	LF PowerBasket
Mounting type	Flexible Pressfit Techn
Material	Polyamide
Surface	without
Customs tariff number	85369095
Country of origin	
Weight per piëcs ~	0.002500 kg

Technical data

Terminal / Type	Bush through hole / Diameter
Diameter	4.000 mm
Socket diameter	11.000 mm
Socket height	16.00 mm
Height total	19.30 mm
Height over pcb	16.00 mm
No. of Pins	7
Pin length	3.30 mm
Pin alignment	Circumference with hole

Processing

Press-in speed for press-fit types	100 up to 250
PCB thickness for SMT types	min. 1.00 mm
PCB thickness for press-fit types	1,60 up to 3,20 mm
Notice	

Current carrying capacity

Part (20°C) ~ / (85°C) ~	90.000 A / 54.000 A
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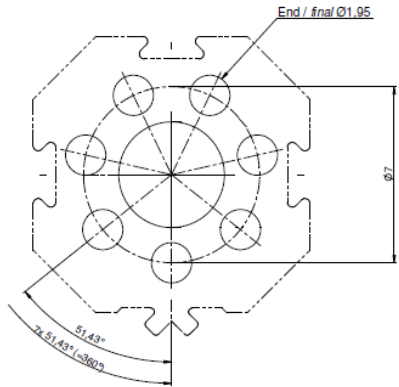
Usage and storage

Temperature	-40°C up to +150°C
Storage	dry environment protected from weather conditions
Storage conditions	at +5°C up to +40°C, 75% RH, non-condensing

Co-applicable documents

Powerelement Guidelines	Link to Powerelement Guidelines
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Footprint recommendation

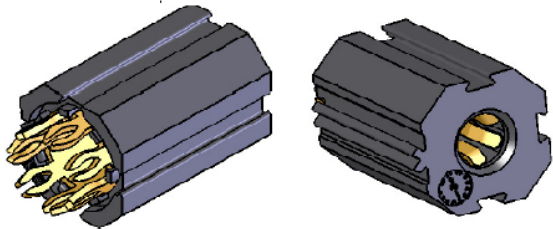
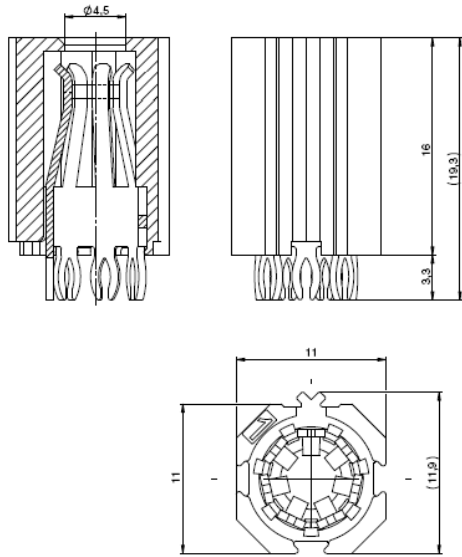


Drill hole specification for PCB or recommendation mask design

Drill Ø		drill tool	2,05 mm
		drill hole	2,05 mm +/- 0,025 mm
Cu		Cu – in Hole	Average 30 µm – 60 µm min. 30 µm, max. 80 µm *
End Ø		HAL	(1,950 mm +/- 0,05 mm)
		chem. surfaces	(1,950 mm +/- 0,05 mm)
Note:	For Press-fit Technology drill diameter and copper thickness are fix. End Ø for reference only.		

* single measurement points in microsection

Dimensions



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General tolerances
DIN ISO 2768-mH

Projection mode



Revision	Date	All measures in
D	10.07.25	mm

Part no.

S98107

Description

**LF PowerBasket with housing Press-
Fit Bush vertical through hole**



**RoHS
COMPLIANT**
LEAD-FREE
Pb < 0,1 %