

Data sheet

FT143xxVBFC Type 089

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P/N

310891xx

xx=number of poles

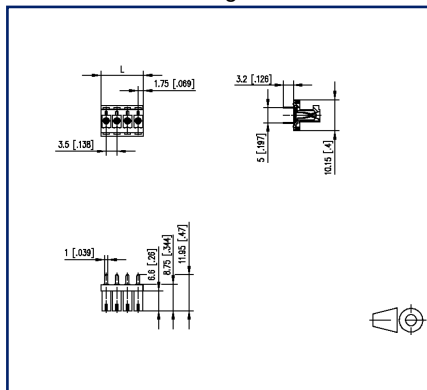
2023/06/26

Version: W

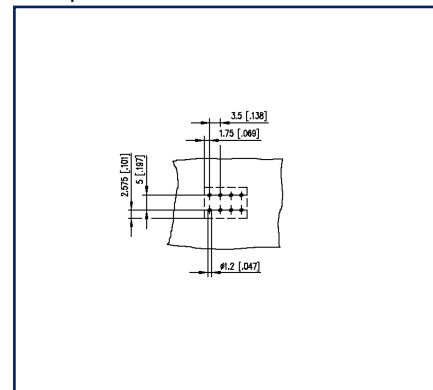
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- female connector, solderable, double solder pins
- centerline 3.50 mm, direction of connection vertical 0°
- fittable without loss of poles
- color black
- board-to-board connection with headers centerline 3.50 mm / 0.138 inches possible



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Technical Data

General Data

Solder pin length	3.2 mm		
min. number of poles	2		
max. number of poles	4		
Insulating material class	CTI 600		
clearance/creepage dist.	2.5 mm		
Protection category	IP20		
Rated current	10 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	200 V	500 V	500 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV

Approvals

/			
approval UL - File No.	300 V / 10 A E305050		
 1.5 mm ²	130 V / 2.5 kV / 10 A		

Material

insulating material	PA66
flammability class	V0
contact material	CuSn
Contact surface	Sn
Glow-Wire Flammability GWFI	960 °C acc. to IEC 60695-2-12
Glow-Wire Flammability GWIT	775 °C acc. to IEC 60695-2-13

Climatic Data

upper limit temperature	105 °C
lower limit temperature	-40 °C

general

Tolerance	ISO 2768 -mH
Solderability	Acc. to JEDEC JESD22-B102E 245°C/5s

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Counterpart

P/N	Designation
311881	PR043xxHBBN Type 188
311891	PR043xxVBBN Type 189
313421	PT093xxHBBN Type 342
313431	PT093xxVBBN Type 343

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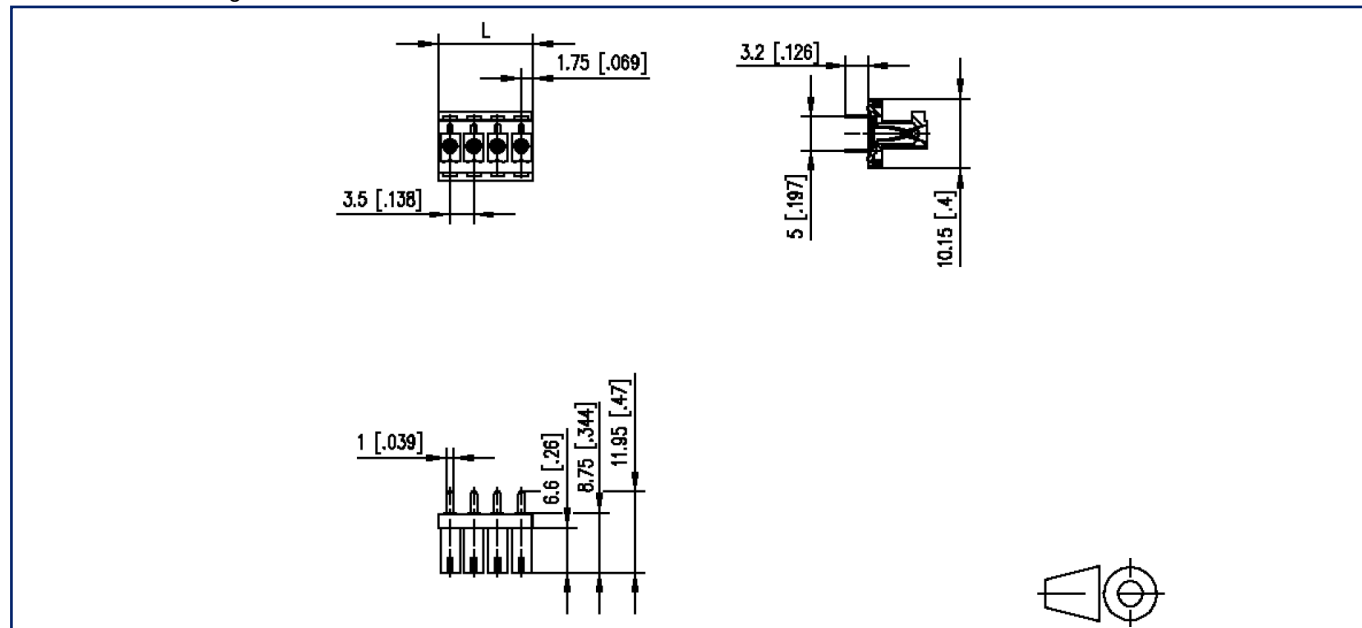
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$L = (\text{pole size} - 1) \times \text{centerline} + 3.5 \text{ mm} [0.138]$



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