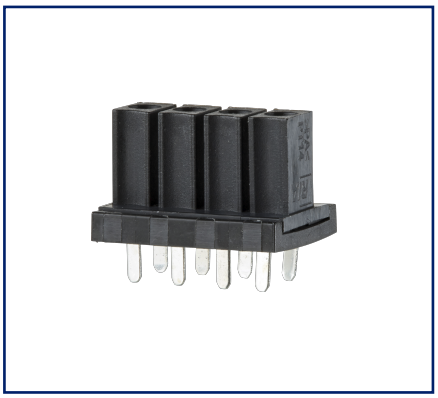
Data sheet

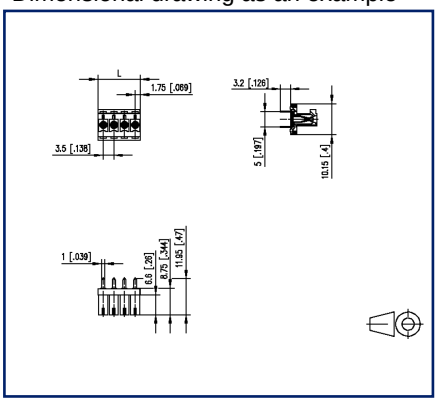
FT143xxVBFC Type 089

P/N
310891xx
xx=number of poles
2026/11/12
Version: AC

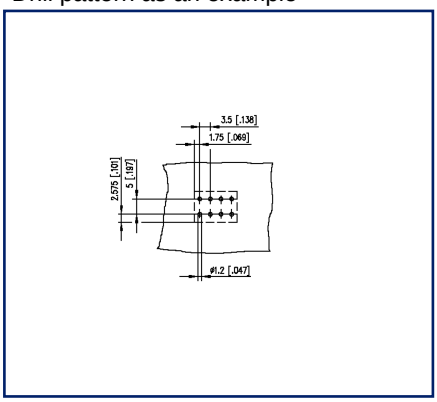
Illustrations



Dimensional drawing as an example



Drill pattern as an example



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	4 kV	4 kV	4 kV
Approvals			
/	300 V / 10 A		
approval UL - File No.	E305050		
	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		
Application note			

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Technical Data

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way.

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Counterpart

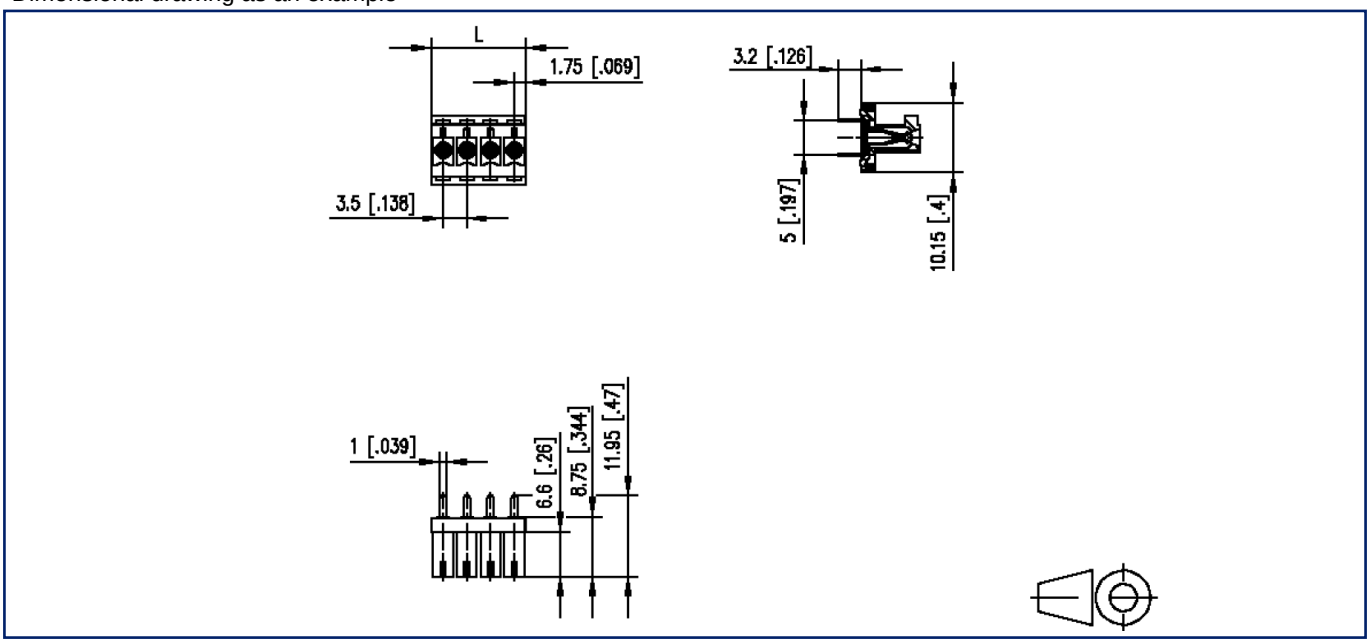
P/N	Designation
311881	PR043xxHBBN (Type 188)
311891	PR043xxVBBN Type 189
313421	PT093xxHBBN Type 342
313431	PT093xxVBBN Type 343

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P/N
310891xx
xx=number of poles
2026/11/12
Version: AC

Illustrations

Dimensional drawing as an example

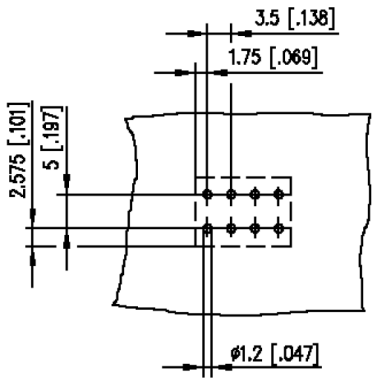


L=(pole size - 1) x centerline + 3.5 mm [0.138]

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Illustrations

Drill pattern as an example



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