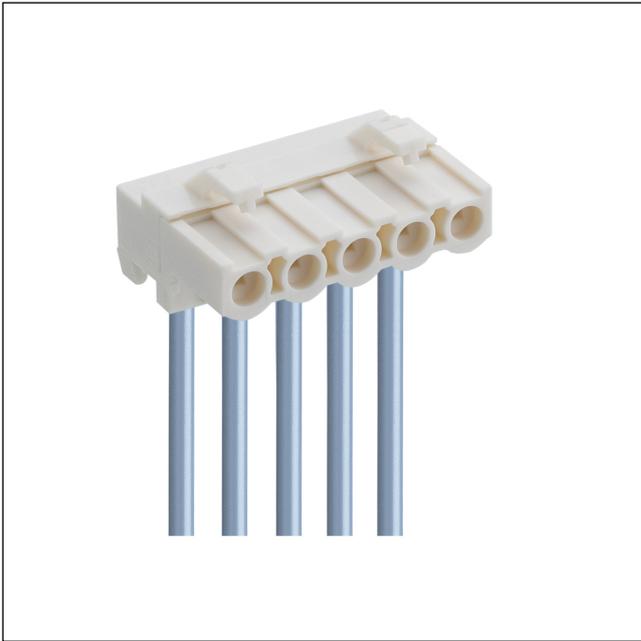


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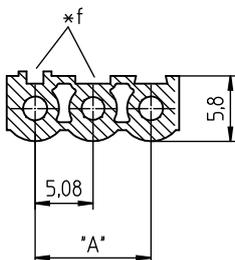
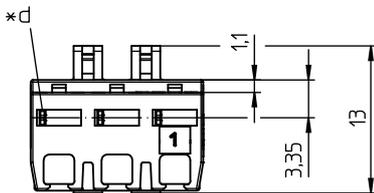
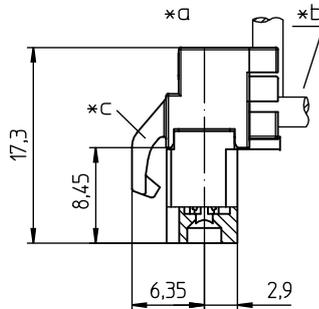
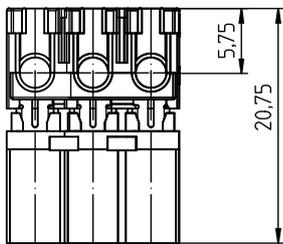
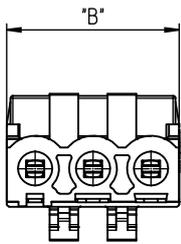
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Pluggable terminal blocks on pin headers, pitch 5.08 mm



Pluggable terminal block, insulation displacement technique (IDT), with locking and test hole, cable departure 90° or 180° to plugging direction, consecutive placement without loss of pitch

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#### Environmental conditions

Temperature range -25 °C/+100 °C<sup>1</sup>

<sup>1</sup> upper limit temperature (insulating body) RTI (electrical) of the UL Yellow Card

#### Materials

Insulating body PBT, V-0 according to UL94  
Contact spring CuSn, tin-plated

#### Mechanical data

Insertion force/contact  $\leq 5 \text{ N}^1$

Withdrawal force/contact  $\geq 2 \text{ N}^1$

<sup>1</sup> measured with a polished square steel pin, nominal thickness 1.0 mm

#### Connectable conductors for IDT area

Construction discrete conductor, notched flat cable 5.08 mm  
Section min. 0,20 mm<sup>2</sup>  
Section max. 0,75 mm<sup>2</sup>  
Insulation diameter  $\leq 2,5 \text{ mm}$   
Approved cables at [www.lumberg.com](http://www.lumberg.com) 

#### Electrical data (at T<sub>amb</sub> 20 °C)

Contact resistance  $\leq 5 \text{ m}\Omega$   
Rated current 6 A (0,75 mm<sup>2</sup>, T<sub>v</sub>70 °C)  
Rated voltage 250 V AC<sup>1</sup>  
Material group IIIa (CTI  $\geq 250$ )<sup>1</sup>  
Overvoltage category III (2,5 kV)<sup>1</sup>  
Creepage distance  $\geq 3,2 \text{ mm}$   
Clearance  $\geq 3,2 \text{ mm}$   
Insulation resistance  $> 10 \text{ G}\Omega$

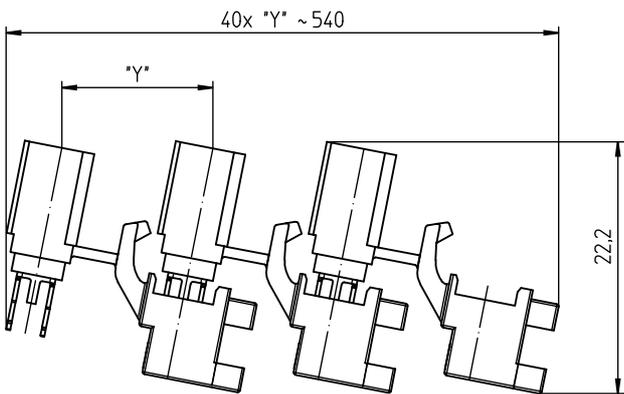
<sup>1</sup> according to IEC 60664/DIN EN 60664, CTI UL classification according to ANSI/UL 746A

#### Associated products

Counterparts

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- \*a terminated connector
- \*b cable departure 90° or 180°
- \*c locking
- \*d test hole
- \*f keying option

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions	
				A (mm)	B (mm)
6770 02	2	2640	2640	5.08	10.06
6770 03	3	1680	1680	10.16	15.14
6770 04	4	1200	1200	15.24	20.22
6770 05	5	960	960	20.32	25.30
6770 06	6	720	720	25.40	30.38
6770 07	7	720	720	30.48	35.46

**Packaging:**

chained, in a cardboard box