

02 2320 ... T12CB100

Panel Mount Connectors Quicklock



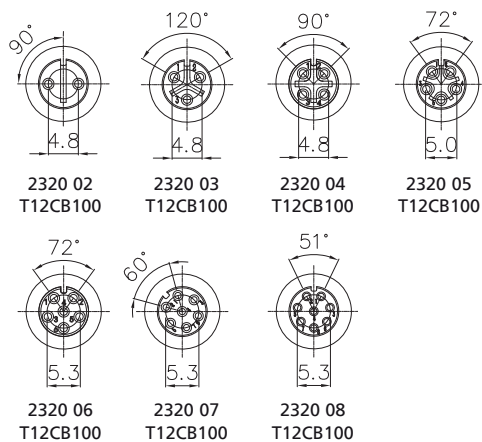
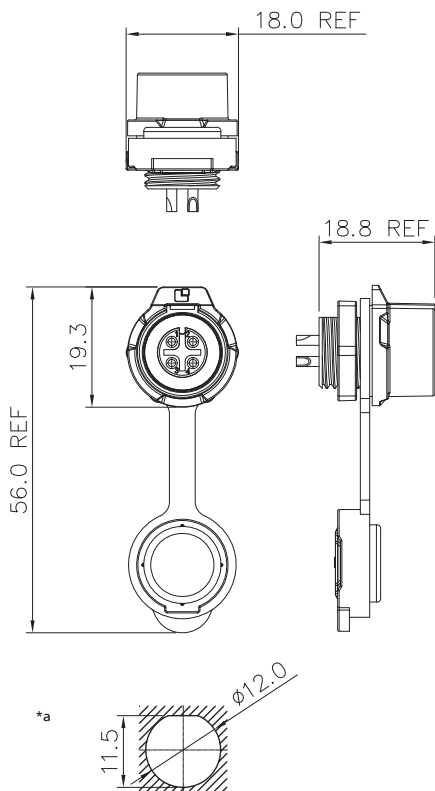
Quicklock chassis socket, IP67, size 12, straight version, with plastic housing, solder terminals and protecting cap (IP65)

Approvals:  

02

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Pin configurations, mating side view



*a port
maximum wall thickness 1.5 mm

Environmental conditions

Temperature range -40 °C/+80 °C

Materials

Insulating body	PBT, V-0 according to UL94
Contact bush	CuSn, gold-plated
Housing	PBT, V-0 according to UL94 ¹
Cap	SI
Hexagonal nut	PBT, V-0 according to UL94

¹ outdoor sustainable (F1 according to UL 746C)

Mechanical data

Mating cycles	1700
Insertion force	≤ 80 N
Withdrawal force	≤ 50 N
Protection class	IP67 (protecting cap IP65) ¹

¹ only in locked condition with an appropriate counterpart

Connectable conductors for solder area

Section	0.34–0.75 mm ² /AWG 22–20 (2–6 poles) 0.25–0.34 mm ² /AWG 24–22 (7–8 poles)
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Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ (2–6 poles) ≤ 10 mΩ (7–8 poles)
Rated current	5 A (2–6 poles) 3 A (7–8 poles)
Rated voltage	125 V AC/DC (2–6 poles) 100 V AC/DC (7–8 poles)
Rated impulse voltage	1500 V AC (2–6 poles) 1000 V AC (7–8 poles)
Creepage distance	≥ 1,5 mm
Clearance	≥ 0,5 mm
Insulation resistance	> 500 MΩ

Associated products

Counterparts
☞ 2350 ... T06CB T

02 2320 ... T12CB100

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
2320 02 T12CB100	2	15	60
2320 03 T12CB100	3	15	60
2320 04 T12CB100	4	15	60
2320 05 T12CB100	5	15	60
2320 06 T12CB100	6	15	60
2320 07 T12CB100	7	15	60
2320 08 T12CB100	8	15	60

Packaging:

in individual plastic bags, in a cardboard box