

02 0252

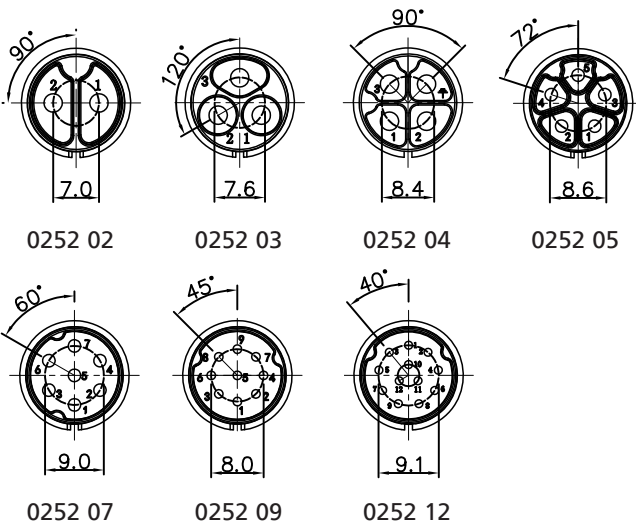
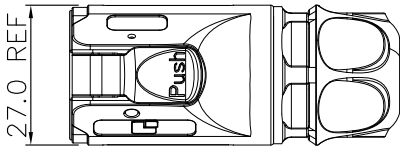
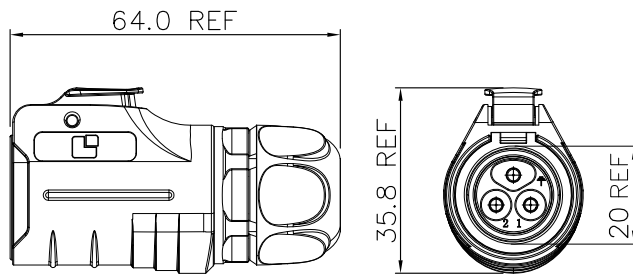
Quicklock circular connectors, IP67



Quicklock plug, IP67, size 20, straight version, with plastic housing and solder terminals

Approvals:  pending 

02 0252



Environmental conditions

Temperature range -40 °C/+80 °C

Materials

Insulating body/handle	PBT, V-0 according to UL94
Contact pin	CuZn, gold-plated
Locking	Zn-alloy, chrome-plated
Cap nut	PBT, V-0 according to UL94

Mechanical data

Protection class IP67

Connectable conductors for solder area

Section	≤ 2.5 mm ² (2-4 poles) ≤ 1.5 mm ² (5-7 poles) ≤ 1.0 mm ² (9-12 poles)
Cable diameter	4.0–11.5 mm

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ
Rated current	20 A (2–4 poles) 12 A (5–7 poles) 5 A (9–12 poles)
Rated voltage	500 V
Rated impulse voltage	2500 V AC (2–7 poles) 1500 V AC (9–12 poles)
Creepage distance	≥ 2 mm
Clearance	≥ 2 mm
Insulation resistance	> 500 MΩ

Associated products

Counterparts
[☞ 0262](#) [☞ 0272](#)

02 0252

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
0252 02	2	10	40
0252 03	3	10	40
0252 04	4	10	40
0252 05	5	10	40
0252 07	7	10	40
0252 09	9	10	40
0252 12	12	10	40

Packaging:

in individual plastic bags, in a cardboard box