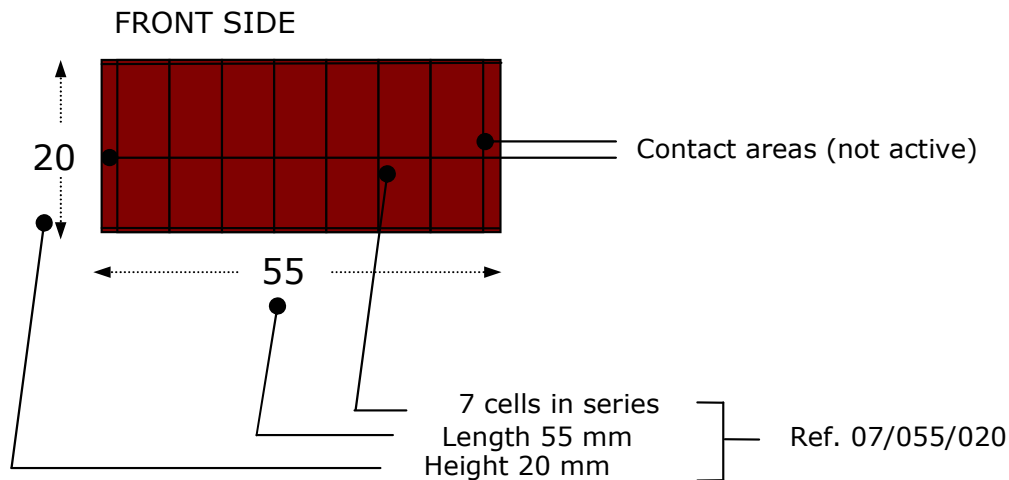


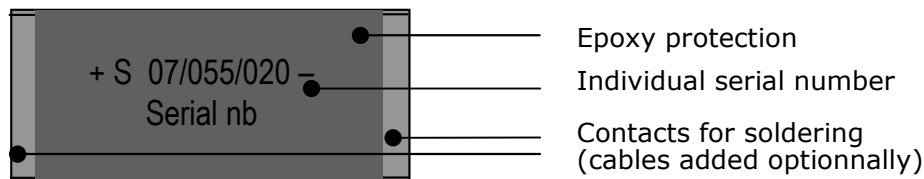
Indoor use – low and high illumination

Ref. 07/055/020COA or EOA

FT-SOLCEL 07055020 2011-1



BACK SIDE



Electrical data

Indoor illumination

At 200 lux (fluo)

Voc = 3.9 V
Icc = 15 μ A
Il/VI = 12 μ A / 2.8V

At 1000 lux (fluo)

Voc = 4.2 V
Icc = 70 μ A
Il/VI = 62 μ A / 3V

Outdoor illumination

At 200 W/m² (STC)

Voc = 4.5 V
Icc = 2 mA
Il/VI = 1.8mA / 3.5V

At 1000W/m² (STC) (*)

Voc = 5 V
Icc = 11 mA
Il/VI = 9.6mA / 3.7V

(*) STC = Standard Test conditions = 25°C, solar spectrum AM 1.5.

Conditions of use

- Solder flexible cables with a welding iron at less than 320°C, with a lead-free alloy.
- Can be assembled with flexible non-acidic glue or ribbon.
- Substrate is glass.
- Climatic conditions -40°C / +70°C, 75% relative humidity 75%
- Place in a weatherproof housing for outdoor use, with UV-stable window in front.

See more details on the « SOLAR CELLS » data sheet