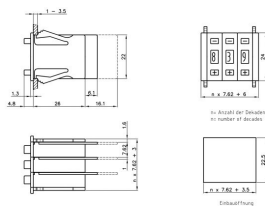


SMC-D 111 AL - 2



- Gold-gold-contacts have low and stable contact resistance. ISO 9001:2000 approved production together with 100% electronic final inspection and testing guarantee reliable operation. Many special designs are available on request or can be built according to customer's specification.

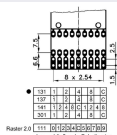
Operating voltage	≤ 40 V
Contact load, dynamic (resistive)	≤ 100 mA
Contact load, static	≤ 1 A
Contact resistance for PCB AK (measured from supply line to output)	< 100 mΩ

Width	7.62 mm
Perm. ambient temp	-20 ... +80 °C
Max. mech. lifetime	1 000 000 steps
Operating force	approx. 4 N
Weight	approx. 4 g
Digit height 10-digit	4.9 mm
Digit height 16-digit	3.4 mm
Click action	marked
Vibration testing	acc. DIN EN 60068-2-6
Shock testing	acc. DIN EN 60068-2-27

Housing	PPO
PCB base material	FR4 or CEM3 DIN IEC249-2
Contact surface	Au over Ni on Cu
Sliding contact	Au over Ni on CuSn6

Codes	Decimal , 10 Positions
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PCB



Raster 2.0

111	0	1	2	3	4	5	6	7	8	9
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Long

Suffix	without solder pins
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
A	A
B	B
C	C
D	D
E	E
F	F
G	G
H	H
J	J
K	K
L	L
M	M
N	N
P	P
R	R
S	S
T	T
V	V
W	W
X	X
Y	Y
Z	Z

Colour	housing black, drum black, digits white
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Accessories no end plates