

21000N SERIES

LOW PROFILE TOGGLE SWITCHES

Distinctive features and specifications

- Available with threaded or plain bushing, both with mounting plate
- Low profile - same height for single and double pole
- Wave solderable only

ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load :
 - silver contacts (A) : 2A 250VAC - 4A 125VAC - 4A 30VDC
 - gold plated brass contacts (LD) : 100mA 30VDC
- Minimum load :
 - silver contacts (A) : 100mA 10V
 - gold plated brass contacts (LD) : 10 μ A 5VDC - 10mA 50mV
- Initial contact resistance : 20 m Ω max.
- Insulation resistance : 1.000 M Ω min. at 500VDC
- Dielectric strength :
 - 1.000 Vrms 50 Hz min. between terminals
 - 2.000 Vrms 50 Hz min. between poles
 - 2.000 Vrms 50 Hz min. between terminals and frame
- Electrical life at full load :
 - silver contacts (A) : 20.000 cycles
 - gold plated brass contacts (LD) : 50.000 cycles
- Low level or mechanical life : 100.000 cycles

MATERIALS

- Case and cover : PBT
- Actuator : brass, chrome plated
- Bushing : brass, nickel plated
- Contacts
 - A : silver
 - LD : brass, gold plated

GENERAL SPECIFICATIONS

- Operating temperature : -40°C to +85°C

PREFERENTIAL LIST

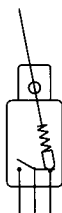
LNZ (telecommunications)

Availability : consult factory for details of listed models.
LNZ list does not appear on the switches.

21000N SERIES

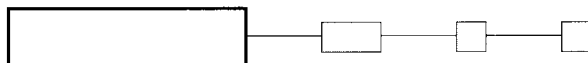
LOW PROFILE TOGGLE SWITCHES

MODEL
STRUCTURE



- Epoxy sealed terminals standard
- 1 and 2 pole configurations

MODEL
STRUCTURE

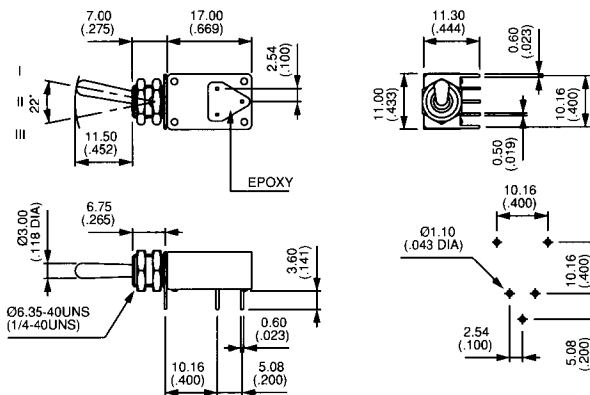


Threaded bushing - single pole

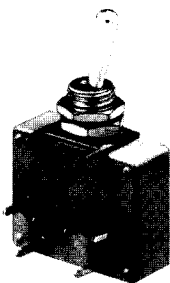


21136N
21139N
21137N
21138N
21132N

III	II	I
2-3		1-2
ON	-	ON
ON	OFF	ON
MOM	OFF	MOM
ON	OFF	MOM
ON	-	MOM

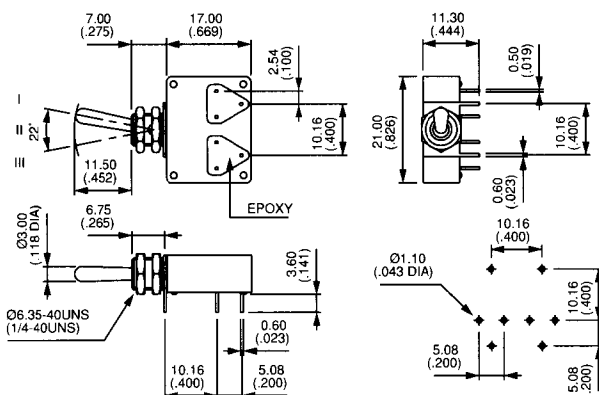


Threaded bushing - double pole

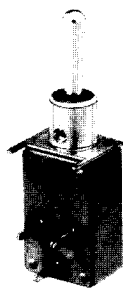


21146N
21149N
21147N
21148N
21142N

III	II	I
2-3		1-2
5-6		4-5
ON	-	ON
ON	OFF	ON
MOM	OFF	MOM
ON	OFF	MOM
ON	-	MOM

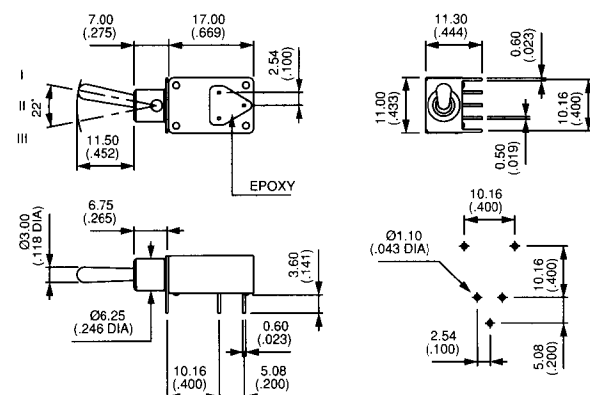


Plain bushing - single pole



21236N
21239N
21237N
21238N
21232N

III	II	I
2-3		1-2
ON	-	ON
ON	OFF	ON
MOM	OFF	MOM
ON	OFF	MOM
ON	-	MOM

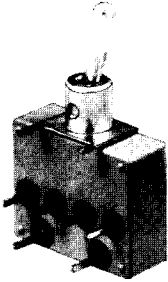


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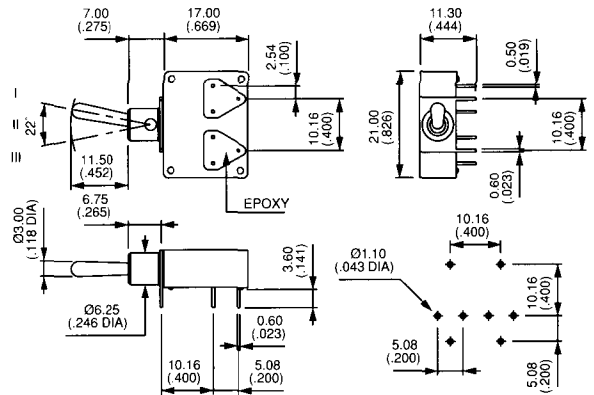
MODEL
STRUCTURE

Plain bushing - double pole

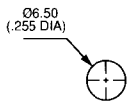


21246N
21249N
21247N
21248N
21242N

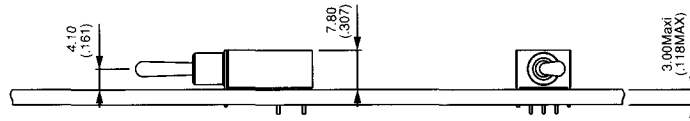
III	II	I
2-3		1-2
5-6		4-5
ON	-	ON
ON	OFF	ON
MOM	OFF	MOM
ON	OFF	MOM
ON	-	MOM



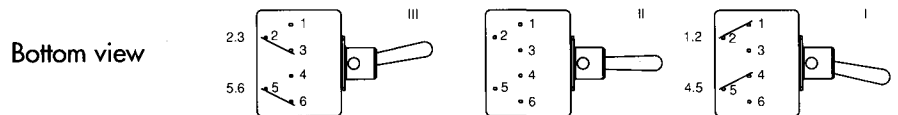
PANEL CUT-OUT



PCB MOUNTING



POSITIONS AND CONNECTIONS



Function 6	ON	-	ON
Function 9	ON	OFF	ON
Function 7	MOM	OFF	MOM
Function 8	ON	OFF	MOM
Function 2	ON	-	MOM