

Illuminated Pushbutton Switches for SMT

Specifications:

Contact rating:	50 V DC, 250 mA; max. 3,5 VA
Contact resistance:	<50 mΩ at 2–4 V DC, 100 mA
Insulation resistance:	> 1000 MΩ
Dielectric strength:	250 V AC (50–60 Hz) for 1 minute
Operating temperature:	–30° to +85° C
Mechanical life:	minimum 30 000 operations
Material:	case and actuator: glass filled LCP, UL 94 V–0, grey Housing: stainless steel Contact and terminal: copper alloy, silver plated with gold flash
Operating force:	250 ± 100 gf
Mounting:	on pc-board – SMD

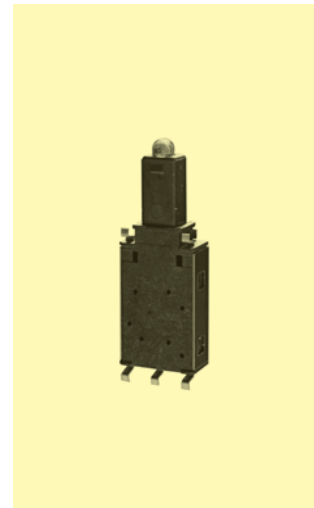
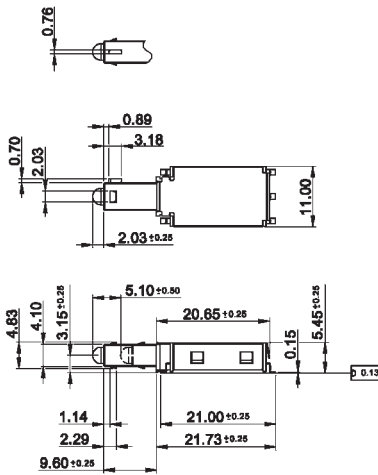
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Models: Switching functions

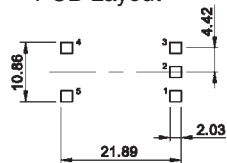
S P D T

MPLS 12 F on – mom

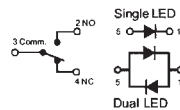
MPLS 12 D on – on



PCB Layout



Circuit diagram



MPLS 12 F

MPLS 12 D

LED colour:

- without LED
- W white
- Y yellow
- R red
- G green
- AG amber/green
- RG red/green

Packing: 450 pcs/reel