



PTR HARTMANN

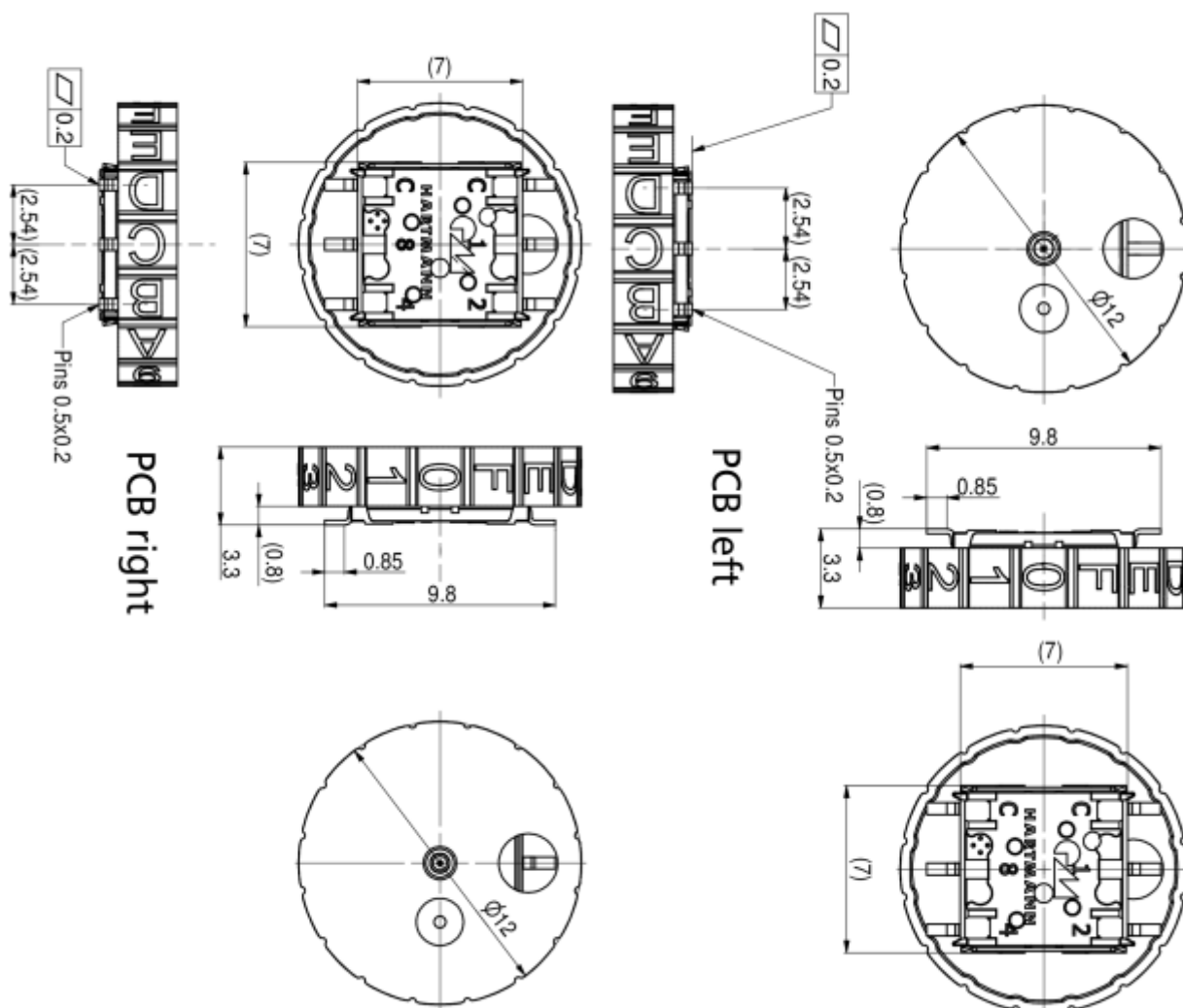
A Phoenix Mecano Company

DH2 03



- Thumb wheel switch for slim DIN-rail housings
- For right and left hand side PCBs
- Diameter 12.0 mm
- Width 3.3 mm
- SMT-pinning
- Lateral C-contact
- More versions on request

Reflow solderable thumb wheel switch for mounting in slim housings. It is especially designed for addressing in BUS- and wireless-applications. The thumb wheel is permanently connected to the rotary code switch and it makes adjustments and legibility of the rotary code switch very easy.



Mechanical Data	Electrical Data
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Fixation mode	SMT
Diameter without operating crown	12.0 mm
Width	3.3 mm
Pin connection	3+3 lateral C-contact
Torque	initial min. 0.7 Ncm
Mechanical lifetime	2.500 steps
Positions per rotation	16
Perm. ambient temperature	-50 °C ... +125 °C
Perm. storage temperature	-55 °C ... +135 °C
Humidity	21 days at 40 °C, 93 %RH
Reflow soldering	JDEC J-STD-020 E
Packing	Tape on Reel

Mechanical Data	Electrical Data
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Operating voltage	$\leq 42.0 \text{ V}$
Standby current	$\leq 0.4 \text{ A}$
Contact load, dynamic	$\leq 0.1 \text{ A}$
Minimum load	1.0 μA 20.0 mVDC
Test voltage	250.0 V 50 Hz / 1.0 min
Contact resistance	$< 80.0 \text{ m}\Omega$
Insulation resistance	$> 100.0 \text{ M}\Omega$