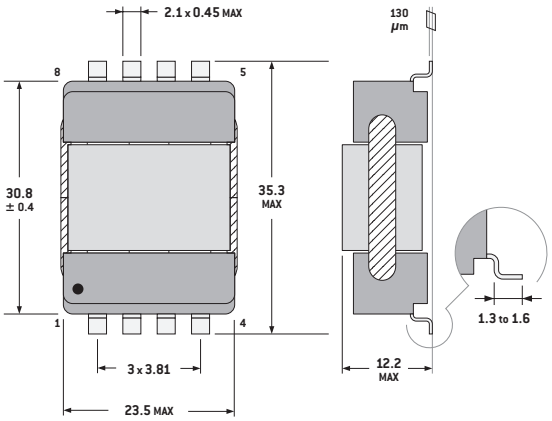
Differential Mode Chokes for DC/DC Embedded Applications - DMC 22 xxx 1WR Series

- Based on **EXXELIA**'s «SESI22 Planar Technology»
- Low-profile SMD package (2 x 4 pins)
- Applied standards: MIL-STD-202, ECSS-Q-70-02, DO-160
- Dielectric strength test up to 500 V (50 Hz - 1 min)
- Materials meet UL94-V0 rating
- Thermal index according to IEC85: H (180°C)
- Operating/storage temperature range: –55°C to +125°C
- Approximative weight: 26 grams

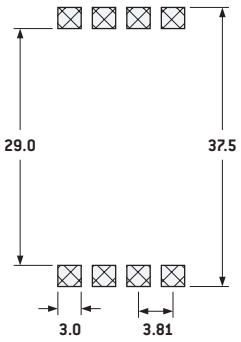
Electrical Data

ID Code	Inductance Value at 25°C (±40%) $L_{1-3} = L_{5-7}$	DC Current max.	max. RMS Current for ΔT = 40°C Heating	max. R_{DC} (25°C)	Dielectric Strength (50Hz - 1min)
DMC22 M25 1WR	25 μH	4 A	1 A	60 mΩ	500 Vrms

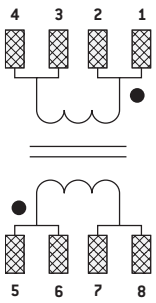
Typical Dimensions
(mm, top view)



PCB Layout
(suggested)

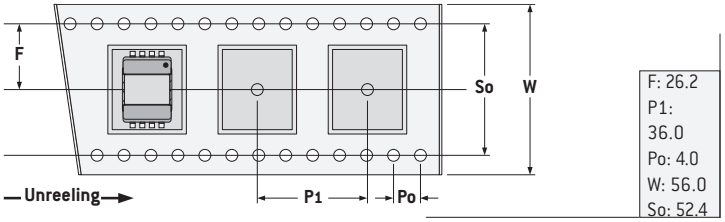


Connections
(Top view)

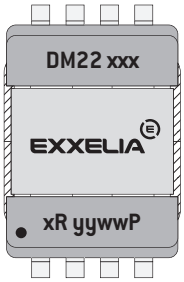


Packaging

Tape and Reel:
100 units per reel of diameter 330 mm



Marking



yyww:
Date code

HIGH GRADE PRODUCTS