

SMD 3D Coil 12.6X12.6X3.25mm

3D1232 SERIES

FEATURES:

Small solution of 3D coil designed to achieve a verygood electrical performance in the smallest dimensions.

OPTIONS:

Packaging unit (parts/reel):1000

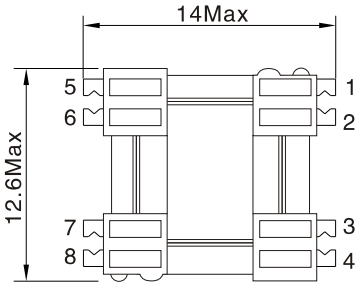
COMMON APPLICATIONS:

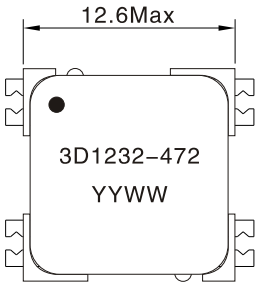
- Automotive
- Passive keyless entry and Keyless Go Systems
- RTPMS with wake up functions
- Industrial logistics and control
- Access control
- Tracking devices

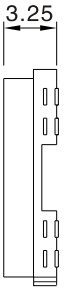
Electrical specifications

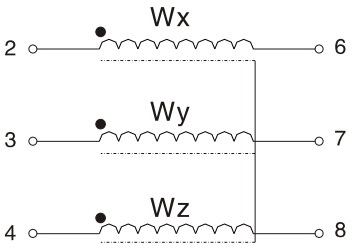
Part No.	Lx,y,z mH (125KHz,1V)	Qx,y typ	SRFx,y (KHz,typ)	SRFz (KHz,typ)	RDCx,y (ΩMax)	RDCz (ΩMax)
3D1232-242	2.38	23	500	1000	75	75
3D1232-252	2.47	23	500	800	75	75
3D1232-352	3.45	27	450	800	85	100
3D1232-402	4.05	27	400	800	98	98
3D1232-472	4.77	28	380	800	100	136
3D1232-492	4.91	27	350	750	105	140
3D1232-722	7.20	30	330	750	120	172
3D1232-103	10.0	25	250	550	165	258

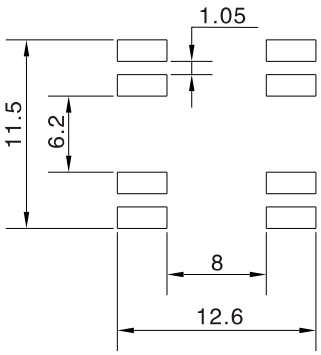
Dimensions











※ Sensitivity (S0) measured with Helmholtz Coils H=8.36 A/m@125kHz.

※ SRF: Self Resonant Frequency of the coil.

※ Wx/Wy/Wz means winding coil of X, Y and Z axis.

※ f20/f125/f134.2 means resonant frequency of 20kHz, 125kHz and 134.2kHz.

※ Test under the condition of relative humidity of 85%

※ Any other inductance value at LF or tighter tolerances can be provided. Also can be supplied differentinductance value in the different winding axis. Please contact our salesperson for any inquiries.

Soldering heat resistance:260℃ / 10sec

Operating temperature range:-40℃ to +125℃

Note:All specifications subject to change without notice.