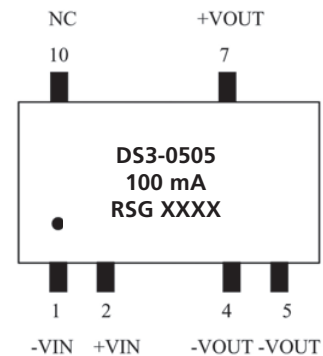


DS3-XXXX-L series

Single output regulated DC/DC converters 0.5W

ELECTRICAL SPECIFICATIONS

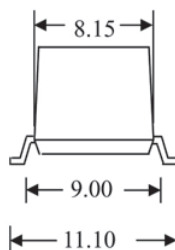
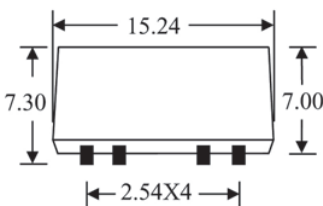
■ Input voltage range	±5%
■ Input filter	Capacitor
■ Output voltage accuracy	±5%
■ Line voltage regulation	1.0% max.
■ Load voltage regulation	1.0% max.
■ Ripple/Noise @ 20 MHz BW	100 mV p-p max.
■ Efficiency at full load	50% min.
■ Isolation voltage	1000 VDC min.
■ Short circuit protection	1.0 sec.
■ Operating temperature range	-40°C~70°C
■ Storage temperature range	-55°C~125°C
■ Isoaltion resistance	10 GOhm
■ Isolation capacity	70 pF typ.
■ Package weight	1.9 g



Measured @ 25°C with the condition of
 Vin = nominal and full load.

Note: add / T after P/N for input voltage ±10%
 ■ ReFlow temp. 240°C max. (10~30 sec.)

PACKAGE STYLE AND PINNING (mm)



PIN	FUNCTION
1	-VIN
2	+VIN
4	-VOUT
5	-VOUT
7	+VOUT
10	NC

Unit: mm
 Tol.: ±0.25 mm

SELECTION GUIDE

Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
DS3-XX05-L	5, 9, 12, 15, 24	5	100	52
DS3-XX09-L	5, 9, 12, 15, 24	9	55	55
DS3-XX12-L	5, 9, 12, 15, 24	12	42	58
DS3-XX15-L	5, 9, 12, 15, 24	15	33	60

