

RSG Electronic Components GmbH
 Spredlinger Landstr. 115
 D-63069 Offenbach
 Tel. +49 69 984047-0
 Fax +49 69 984047-77
 info@rsg-electronic.de

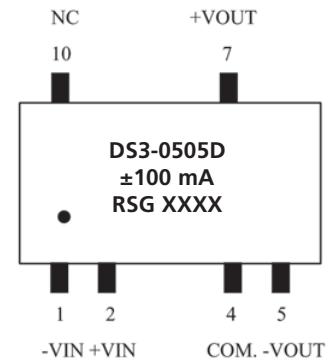
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DS3-XXXX-D(H3) series Dual output unregulated DC/DC converters 1W

ELECTRICAL SPECIFICATIONS

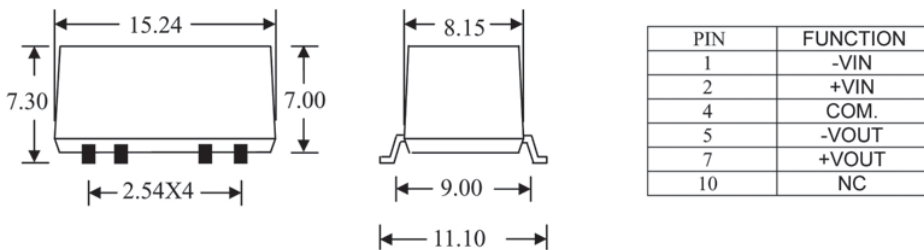
- Input voltage range ±10%
- Input filter capacitor capacitor
- Output voltage accuracy ±5%
- Line voltage regulation 1.2% typ. / 1% of Vin
- Load voltage regulation (10%~100%) - 5V output types -> 15% max.
 9V, 12V and 15V output types -> 10% max.
- Ripple & Noise / 20 MHz BW ±100 mV p-p max.
- Efficiency at full load 70% min.
- Isolation voltage 1000 VDC min.
- Short circuit protection 1.0 sec.
- Operating temperature range -40°C~85°C
- Storage temperature range -55°C~125°C
- Isolation resistance 10 GOhm min.
- Isolation capacity 70 pF typ.
- Package weight 2.2 g
- ReFlow temp. 230°C (10 sec.)

Meet CE EN-60950-1 certified, measured @ 25°C with the condition of Vin = nominal and full load



Note: Add/H3 after P/N for isolation 3kVDC

PACKAGE STYLE AND PINNING (mm)



Unit: mm
 Tol.: ±0.25 mm

SELECTION GUIDE

Part Number	Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
DS3-XX3.3D	3.3, 5, 9, 12, 15, 24	±3.3	±152	68
DS3-XX05D	3.3, 5, 9, 12, 15, 24	±5	±100	70
DS3-XX09D	3.3, 5, 9, 12, 15, 24	±9	±55	75
DS3-XX12D	3.3, 5, 9, 12, 15, 24	±12	±42	78
DS3-XX15D	3.3, 5, 9, 12, 15, 24	±15	±33	80
DS3-XX24D	3.3, 5, 9, 12, 15, 24	±24	±21	80

Issue 0508. Subject to change without notice.

