

Construction

- Current-compensated ring core quad choke with ferrite core
- Bifilar winding
- Tinned terminals



Features

- Case flame-retardant as per UL 94 V-0
- Suitable for reflow soldering

Applications

- Suppression of asymmetrical interference coupled in on lines, whereas data signals up to some MHz can pass unaffectedly
- Use e.g. in telecom applications and RF equipment

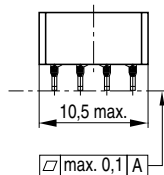
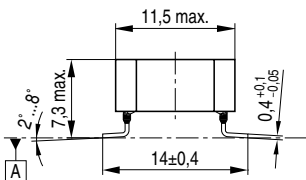
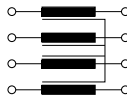
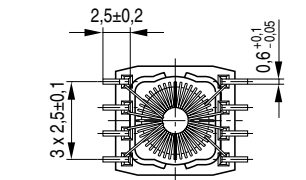
Marking

Manufacturer, ordering code,
date of manufacture (month, year)

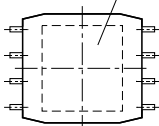
Delivery mode

- 24-mm blister tape, reel packing
- Packing unit: 500 pcs.

Dimensional drawing

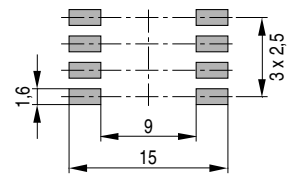


Marking



SSB1564-M

Layout recommendation



SSB1462-Z

General technical data

Rated voltage V_R	42 Vac (50/60 Hz) 80 Vdc
Rated current I_R	Referred to 50 Hz and 60 °C ambient temperature
Rated inductance L_R	Measured with HP 4275A at $L \leq 1 \text{ mH} = 100 \text{ kHz}, 10 \text{ mV}$ $L > 1 \text{ mH} = 10 \text{ kHz}, 10 \text{ mV}$ (specified per winding)
Inductance tolerance	-30/+50 %
Inductance decrease $\Delta L/L_0$	< 10 % at dc magnetic bias with I_R
Stray inductance L_S	Measured at $L \leq 1 \text{ mH} = 100 \text{ kHz}, 10 \text{ mV}$ $L > 1 \text{ mH} = 10 \text{ kHz}, 10 \text{ mV}$
DC resistance R_{typ}	Typical values, measured at 20 °C ambient temperature
Solderability	(215 ± 3) °C, (3 ± 0,3) s wetting of soldering area ≥ 95 % in accordance with IEC 60068-2-58
Climatic category	40/125/56 (-40 °C/+125 °C/56 days damp heat test) in accordance with IEC 60068-1
Weight	Approx. 2 g

Characteristics and ordering codes

L_R mH	L_S , typ nH	I_R mA	R_{typ} Ω	V_T Vdc, 2 s	Ordering code
0,47	200	600	0,25	750	B82792C2474N315
1,0	250	500	0,30	750	B82792C2105N365
4,7	450	300	0,80	750	B82792C2475N365

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