

**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

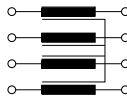
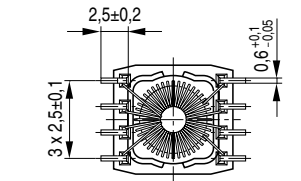
**Marking**

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

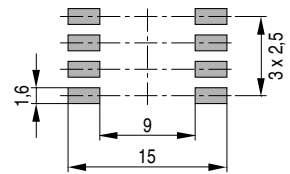
**Delivery mode**

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

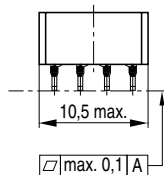
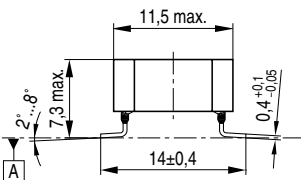
**Dimensional drawing**



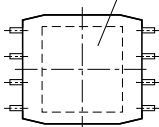
Layout recommendation



SSB1462-Z



Marking



SSB1564-M


**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 $L \leq 1$ mH = 100 kHz, 10 mV $L > 1$ mH = 10 kHz, 10 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 $L \leq 1$ mH = 100 kHz, 10 mV $L > 1$ mH = 10 kHz, 10 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	$R_{typ}$ $\Omega$	$V_T$ 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

**Herausgegeben von EPCOS AG**

**Unternehmenskommunikation, Postfach 80 17 09, 81617 München, DEUTSCHLAND**

**☎ ++49 89 636 09, FAX (0 89) 636-2 26 89**

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**Corporate Communications, P.O. Box 80 17 09, 81617 Munich, GERMANY**

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