

SMD – Breitbandübertrager

Kennzeichen:

- ▶▶ Kompakte Bauform
- ▶▶ Automatisch bestückbar
- ▶▶ Für Reflow- und Dampfphasenlötung
- ▶▶ Keramik-Grundplatte

Anwendungen:

- ▶▶ HF-Technik
- ▶▶ Mobilfunk
- ▶▶ Satellitentechnik

Daten:

Empfohlene Löttechnik:
Reflow

max. Löttemperatur:
260°C, 10 Sek.

Betriebstemperaturbereich:
-40°C bis +125°C

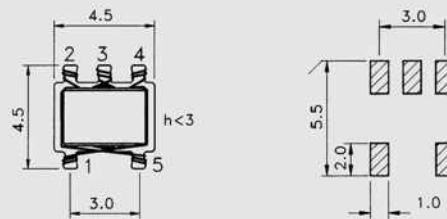
Verpackung siehe Seite 4.90:
Blisterpack IEC 286 / 3

Verpackungseinheit
(Stück / Rolle):
2000

SM-T4

Abmessungen und Empfehlung
für Lötflächenmaße (mm):

*Dimensions and recommended
pad pattern (mm):*



SMD – Wideband transformer

Features:

- ▶▶ Compact design
- ▶▶ Suitable for automatic insertion
- ▶▶ For reflow and vapor phase soldering
- ▶▶ Ceramic base

Applications:

- ▶▶ RF circuits
- ▶▶ Mobile radio
- ▶▶ Satellite TV

Data:

Recommended soldering method:
Reflow

Soldering heat resistance:
260°C, 10 sec.

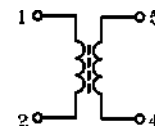
Operating temperature range:
-40°C to +125°C

Packaging see page 4.90:
Blisterpack IEC 286 / 3

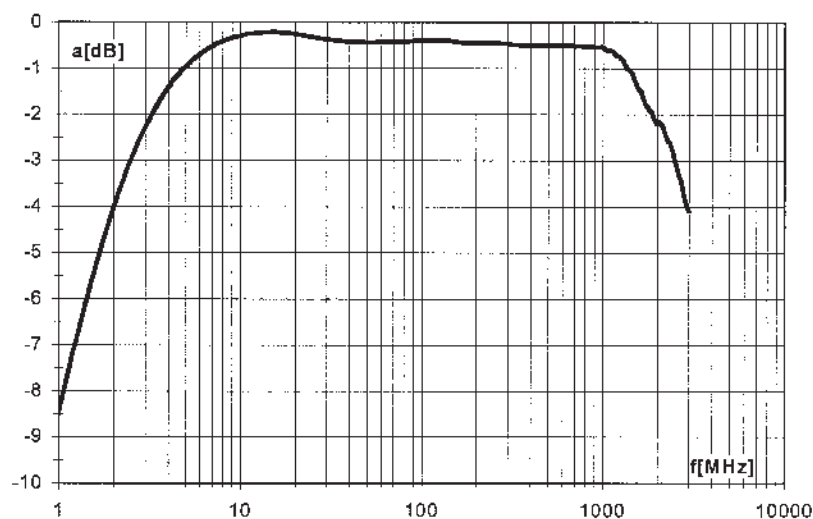
Packaging unit (parts / reel):
2000

Übertrager mit 2 Wicklungen/ Transformer with 2 windings:

Z [Ω]	ü Turns ratio	3dB Bandbreite 3dB band limits [MHz]	a ₀ (f=20MHz) [dB]	Art.-Nr. Part no.
50:50	1:1	≤ 4 - ≥ 2000	≤ 0,5	00 5532 00



Typische Werte/ Typical values:



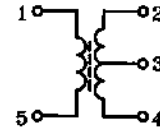
SMD – Breitbandübertrager

SM-T4

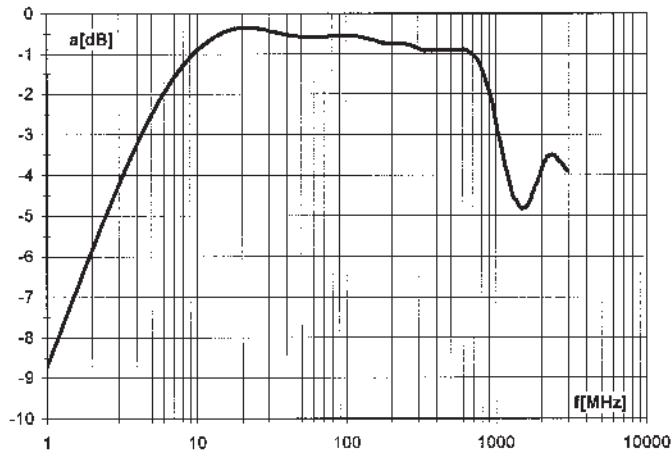
SMD – Wideband transformer

Übertrager mit 2 Wicklungen
und Anzapfung/
Transformer with 2 windings
and tap:

ü Turns ratio	3dB Bandbreite 3dB band limits [MHz]	a ₀ (f=20MHz) [dB]	Art.-Nr. Part no.
1:1:1	≤ 4,5 - ≥ 900	≤ 0,7	00 5532 05

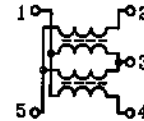


Typische Werte/
Typical values:

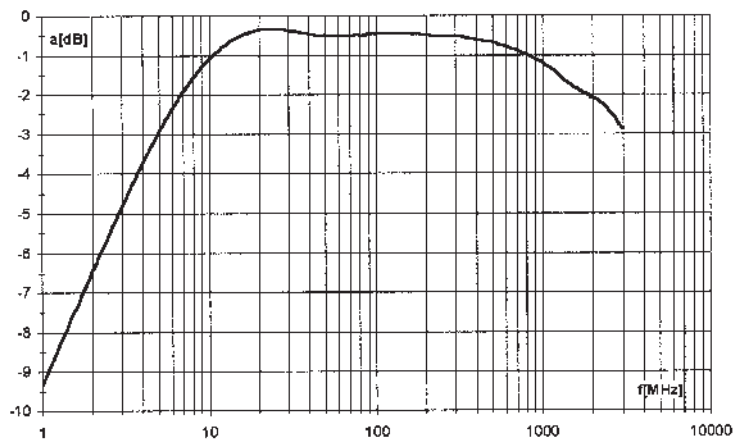


Balunübertrager/
Balun transformer:

Z [Ω]	ü Turns ratio	3dB Bandbreite 3dB band limits [MHz]	a ₀ (f=20MHz) [dB]	Art.-Nr. Part no.
50:200	1:2	≤ 10 - ≥ 2000	≤ 0,5	00 5532 10

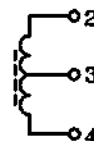


Typische Werte/
Typical values:



Power Split/
Power splitter:

Windungs- zahl No. of turns	L ₂₋₃ [μH]	L ₂₋₄ [μH]	Art.-Nr. Part no.
2 x 2	0,42 ± 25%	1,68 ± 25%	00 5532 01



Andere kundenspezifische Transformatoren auf Anfrage. / Other transformer to customers specification on request.

Grundplatte mit Metallanschlüssen auf Anfrage. / With metal pins on request.

Directive RoHS
2002/95/EG compliant



SMD – Richtkoppler

Kennzeichen:

- ▶▶ Kompakte Bauform
- ▶▶ Automatisch bestückbar
- ▶▶ Für Reflow- und Dampfphasenlötung
- ▶▶ Keramik-Grundplatte

Anwendungen:

- ▶▶ HF-Technik
- ▶▶ Mobilfunk
- ▶▶ Satellitentechnik

Daten:

Empfohlene Löttechnik:
Reflow

max. Löttemperatur:
260°C, 10 Sek.

Betriebstemperaturbereich:
-40°C bis + 125°C

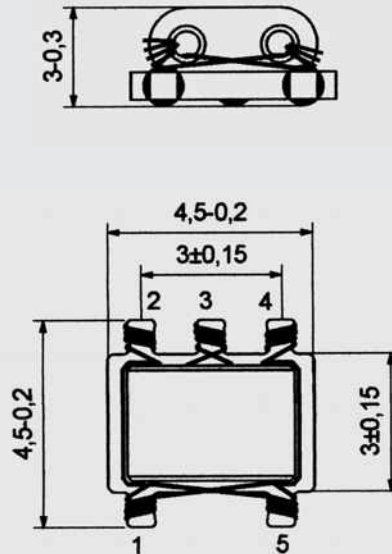
Verpackung siehe Seite 4.90:
Blisterpack IEC 286 / 3

Verpackungseinheit
(Stück/Rolle):

SM-T4

Abmessungen und Lötflächenraster (mm):

Dimensions and grid pattern (mm):



SMD – Directional coupler

Features:

- ▶▶ Compact design
- ▶▶ Suitable for automatic insertion
- ▶▶ For reflow and vapor phase soldering
- ▶▶ Ceramic base

Applications:

- ▶▶ RF circuits
- ▶▶ Mobile radio
- ▶▶ Satellite TV

Data:

Recommended soldering method:
Reflow

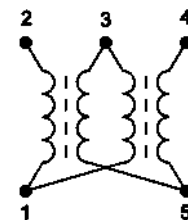
Soldering heat resistance:
260°C, 10 sec.

Operating temperature range:
-40°C to + 125°C

Packaging see page 4.90:
Blisterpack IEC 286 / 3

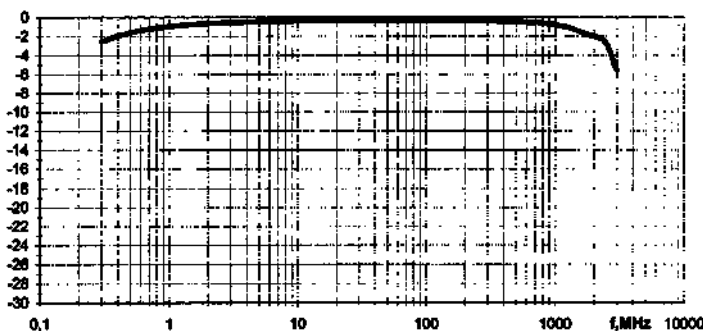
Packaging unit (parts / reel):

Kopplung Coupling [dB]	Durchgangsdämpfung Mainline loss [dB]	f [MHz]	R [Ω]	Art.-Nr. Part number
7	2,8	5-1000	75	00 5532 24
8	2,8	5-862	75	00 5532 47
10	2,5	5-862	75	
11,5	2,2	5-1000	75	00 5532 42
13	2,0	5-1000	75	
15	1,0	5-1000	75	00 5532 41
20	< 1	5-1000	75	00 5532 73
24	< 1	5-1000	75	



Neuheit
new

Typische Werte/Typical values:
Durchgangsdämpfung/Directivity:



Typische Werte/Typical values:
Koppeldämpfung/Coupling:

