

SM-T4
Übertrager

Kennzeichen

- Kompakte Bauform
- Automatisch bestückbar
- Für Reflow- und Dampfphasenlötung
- Keramik-Grundplatte
- AEC-Q200 qualifiziert

Anwendungen

HF-Technik, Mobilfunk, Satellitentechnik

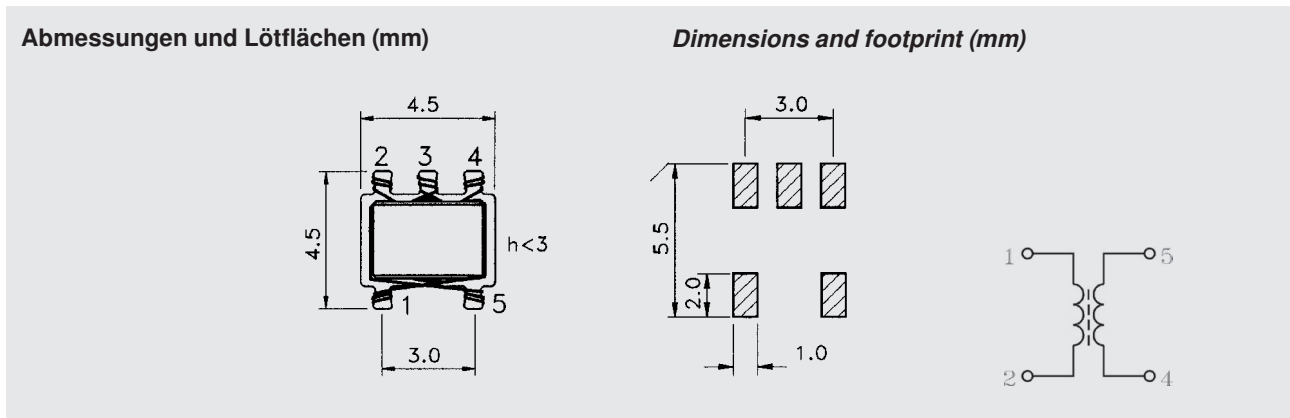
SM-T4
Transformer

Features

- Compact design
- Suitable for automatic insertion
- For reflow and vapor phase soldering
- Ceramic base
- Qualified to AEC-Q200

Applications

RF circuits, mobile radio, satellite TV



Empfohlene Löttechnik:

Reflow

Betriebs-temperaturbereich:

-40°C bis +125°C

Max. Löttemperatur:

260°C, 10 Sek.

Verpackung:

siehe Verpackungsvorschrift, Blisterpack DIN EN 60286/3

Verpackungseinheit (Stück/Rolle):

2000

Recommended soldering method:

Reflow

Operating temperature range:

-40°C bis +125°C

Max. soldering temperature

260°C, 10 sec.

Packaging:

see tape and reel specifications, Blisterpack DIN EN 60286/3

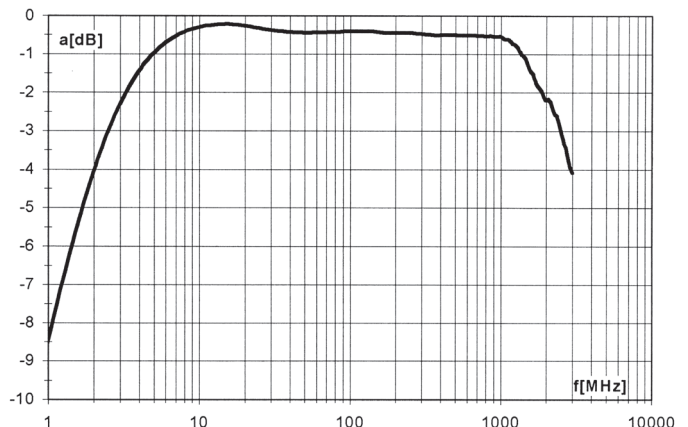
Packaging unit (parts/reel):

2000

Übertrager mit 2 Wicklungen
Transformer with 2 windings

Z	ü	3dB Bandbreite	a ₀	Art.-Nr.
[Ω]	Turns ratio	3dB band limits	(f=25MHz)	Part no.
		[MHz]	[dB]	
50:50	1:1	≤ 4 - ≥ 2000	0,5	00 5532 00

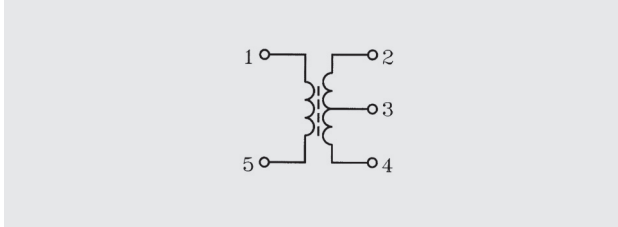
Typische Werte
Typical values



S-Parameter unter www.neosid.de
S parameters under www.neosid.de

SM-T4 Breitbandübertrager

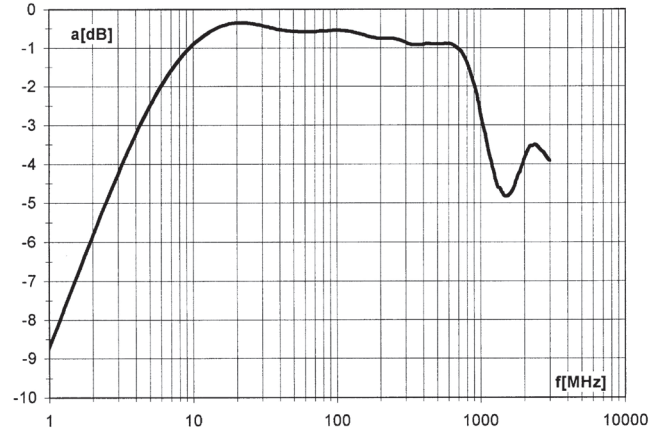
Übertrager mit 2 Wicklungen und Anzapfung *Transformer with 2 windings and tap*



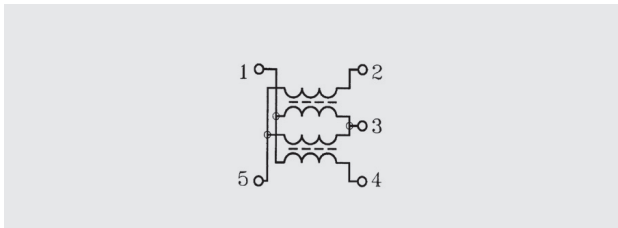
ü Turns ratio	3dB Bandbreite 3dB band limits [MHz]	a ₀ (f=20MHz) [dB]	Art.-Nr. Part no.
1:1:1	≤ 4,5 - ≥ 900	≤ 0,7	00 5532 05

SM-T4 Wideband transformer

Typische Werte *Typical values*

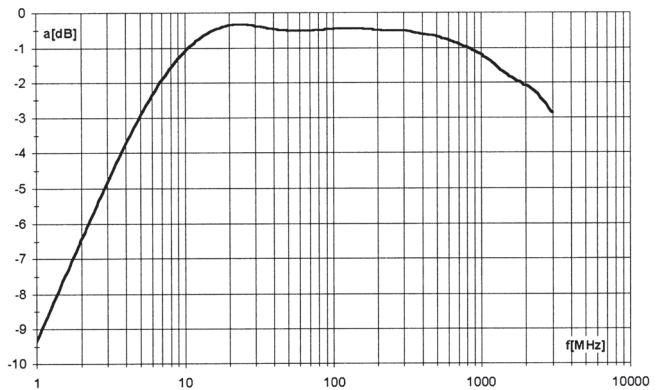


Balunübertrager *Balun transformer*

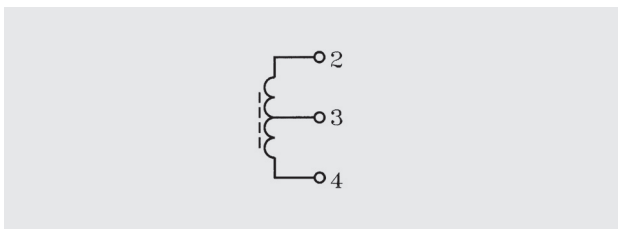


Z [Ω]	ü Turns ratio	3dB Bandbreite 3dB band limits [MHz]	a ₀ (f=20MHz) [dB]	Art.-Nr. Part no.
50:200	1:2	≤ 10 - ≥ 2000	≤ 0,5	00 5532 10

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	0,8 ±30%	3,2 ±30%	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

SM-T4
SMD – Richtkoppler

Kennzeichen

- Kompakte Bauform
- Automatisch bestückbar
- Für Reflow- und Dampfphasenlötung
- Keramik-Grundplatte
- AEC-Q200 qualifiziert

Anwendungen

HF-Technik, Mobilfunk, Satellitentechnik

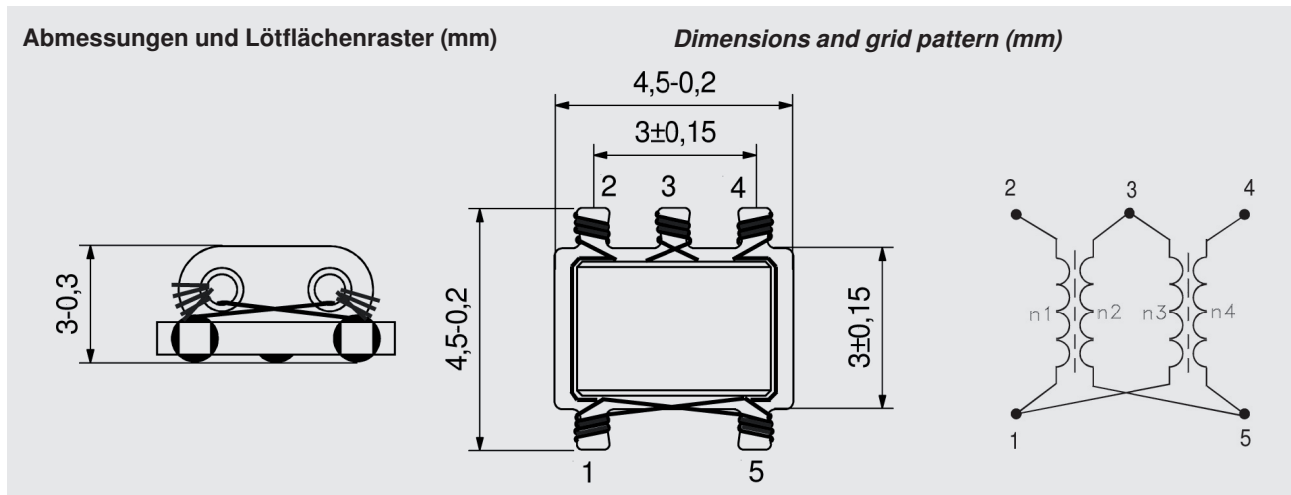
SM-T4
SMD – Directional coupler

Features

- Compact design
- Suitable for automatic insertion
- For reflow and vapor phase soldering
- Ceramic base
- Qualified to AEC-Q200

Applications

RF circuits, mobile radio, satellite TV



Empfohlene

Löttechnik:

Reflow

Betriebs-

temperaturbereich:

-40°C bis +125°C

Max. Löttemperatur:

260°C, 10 Sek.

Verpackung:

siehe Verpackungsvorschrift,

Blisterpack DIN EN 60286/3

Verpackungseinheit (Stück/Rolle):

2000

Recommended

soldering method:

Reflow

Operating

temperature range:

-40°C bis +125°C

Max. soldering

temperature
260°C, 10 sec.

Packaging:

see tape and reel specifications,

Blisterpack DIN EN 60286/3

Packaging unit (parts/reel):

2000

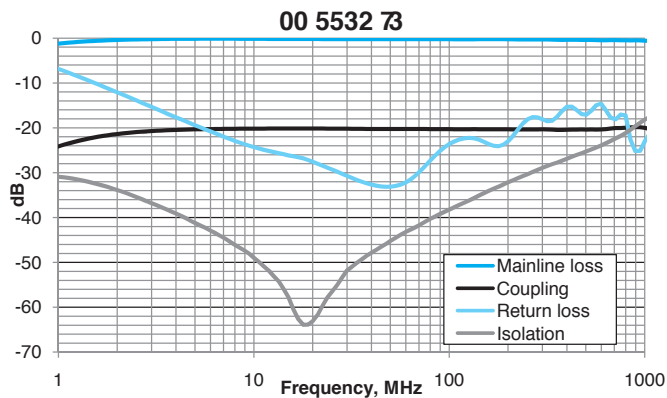
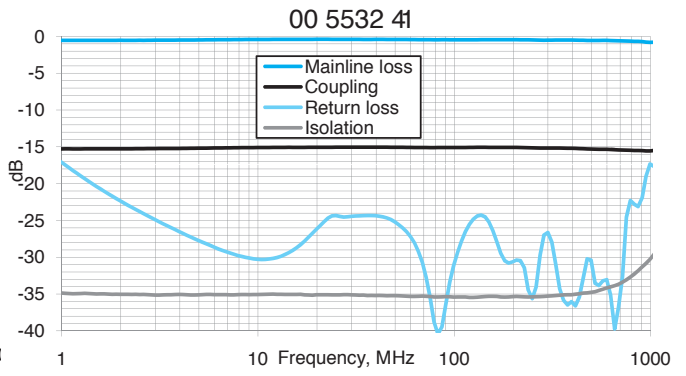
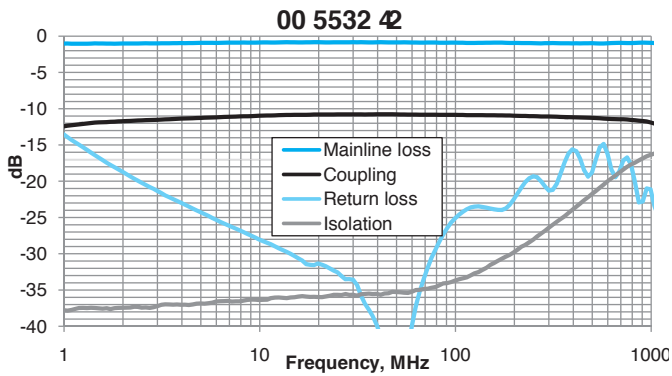
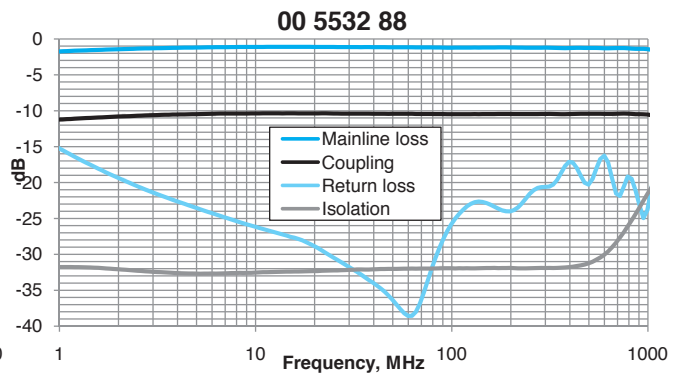
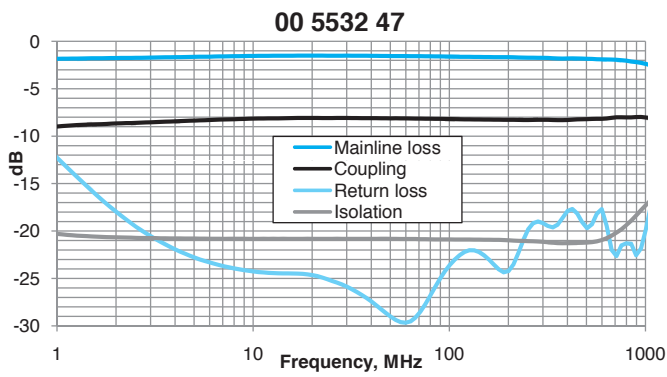
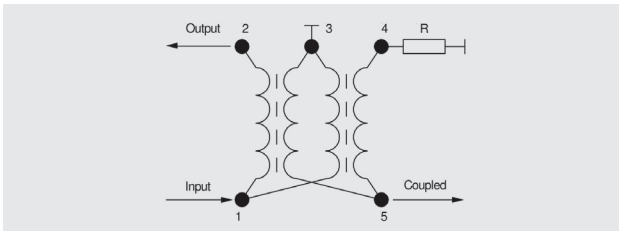
Kopplung Coupling [dB]	Durchgangsdämpfung Mainline loss [dB]	f [MHz]	R [Ω]	Art.-Nr. Part number
8	2,8	5-862	75	00 5532 47
10	<2	5-862	75	00 5532 88
11,5	2,2	5-862	75	00 5532 42
15	1,0	5-1000	75	00 5532 41
20	<1	5-862	75	00 5532 73

Weitere Typen auf Anfrage
Other types on request

SM-T4
SMD – Richtkoppler

SM-T4
SMD – Directional coupler

Typische Werte
Typical values



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