

SM-T6
SMD – Richtkoppler

Kennzeichen

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

Anwendungen

HF-Technik, Mobilfunk, Satellitentechnik

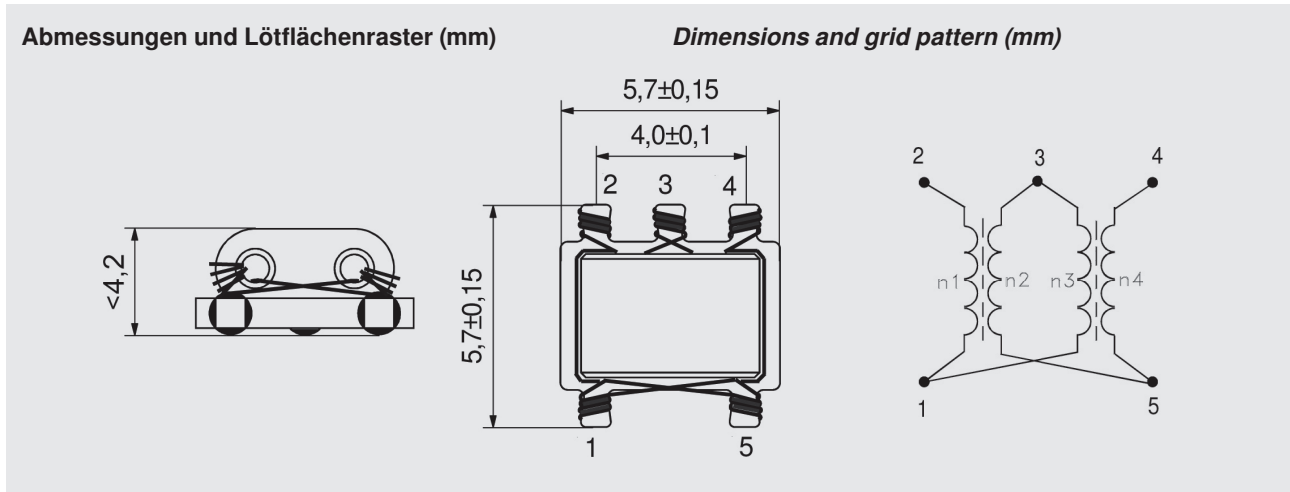
SM-T6
SMD – Directional coupler

Features

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

Applications

RF circuits, mobile radio, satellite TV



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]	Art.-Nr. Part number
6	2,8	5-1100	00 5533 03
8	2,0	5-862	00 5533 02
10	1,5	5-900	00 5533 04
12	1,2	5-1000	00 5533 12
14	1,0	5-1000	00 5533 08
16	0,8	5-862	00 5533 05

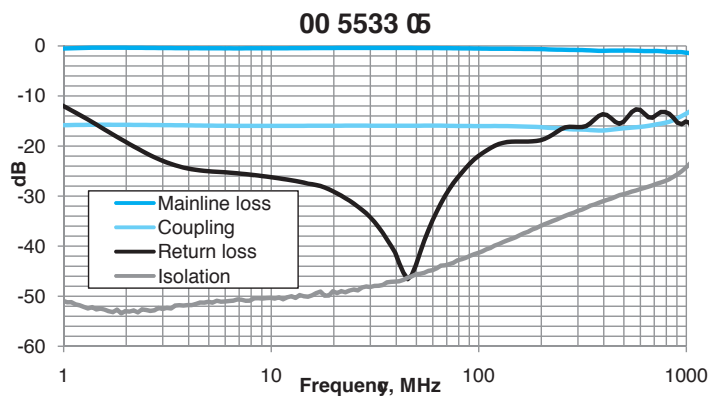
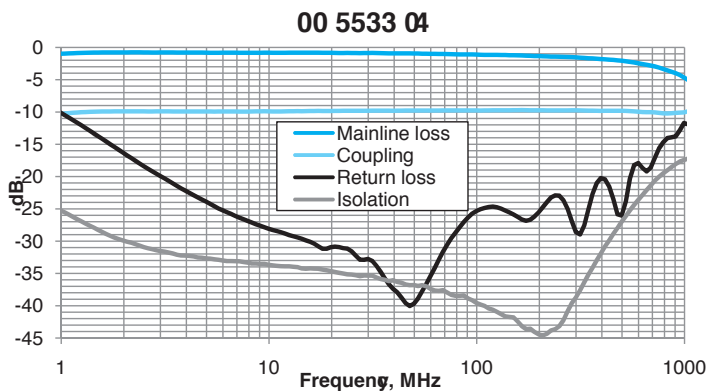
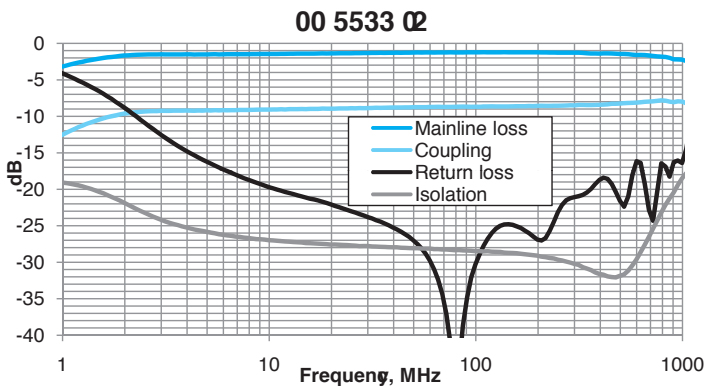
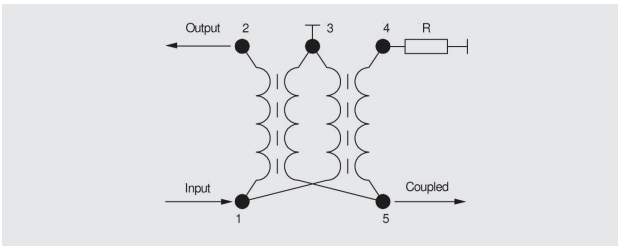
Weitere Typen auf Anfrage

Other types on request

SM-T6
SMD – Richtkoppler

SM-T6
SMD – Directional coupler

Typische Werte
Typical values



Teil 4 | Part 4

Alle Angaben ohne Gewähr. Irrtümer und Änderungen vorbehalten. No responsibility is taken for the correctness. Errors and changings reserved.

SM-T6 / SM-T7
SMD – Richtkoppler

Kennzeichen

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

Anwendungen

HF-Technik, Mobilfunk, Satellitentechnik

SM-T6 / SM-T7
SMD – Directional coupler

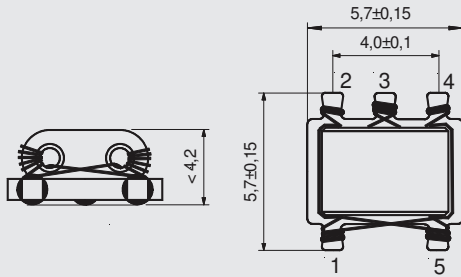
Features

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

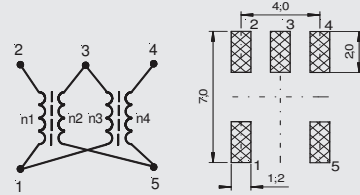
Applications

RF circuits, mobile radio, satellite TV

Abmessungen und Lötflächenraster (mm)



Dimensions and grid pattern (mm)



	a [mm]	b [mm]	c [mm]	d [mm]	r [mm]	h [mm]
SM-T6	5,7	5,7	7,0	2,0	4,00	<4,0
SM-T7	5,7	6,5	8,0	2,5	4,0	<4,0

Empfohlene

Löttechnik:

Reflow

Betriebs-

temperaturbereich:

-40°C bis +125°C

Max. Löttemperatur:

260°C, 5 Sek.

Verpackung:

siehe Verpackungsvorschrift,

Blisterpack DIN EN 60286/3

Verpackungseinheit

(Stück / Rolle):

500 / 2000

Recommended

soldering method:

Reflow

Operating

temperature range:

-40°C bis +125°C

Max. soldering

temperature

260°C, 5 sec.

Packaging:

see tape and reel specifications,

Blisterpack DIN EN 60286/3

Packaging unit

(parts / reel):

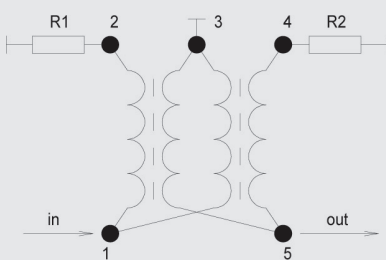
500 / 2000

Typische Werte | Typical values

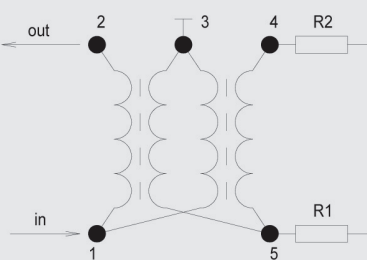
Kopplung Coupling [dB]	3dB Bandbreite 3dB band limits [MHz]	a_0 [dB]	Ausführung Design	Art.-Nr. Part number
6	$\leq 0,8 - \geq 1100$	$\leq 2,8$	SM-T6	00 5533 03
8	$\leq 0,8 - \geq 1200$	$\leq 2,0$	SM-T6	00 5533 02
16	$\leq 0,5 - \geq 1500$	$\leq 0,6$	SM-T6	00 5533 05

Typ type	R [Ω]			
	in	out	R1	R2
6 dB	50	50	50	50
8 dB	50	50	50	50
16 dB	50	50	50	50

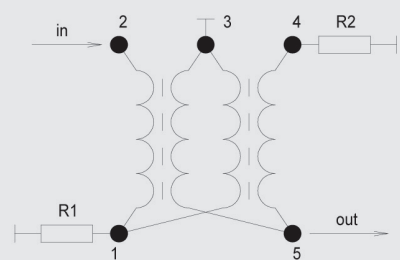
Messaufbau | Measurement



Kopplung
Coupling



Durchgangsdämpfung
Insertion loss



Entkopplung
Isolation