

Jumper in thick film technology

Type: CDF-Jumper

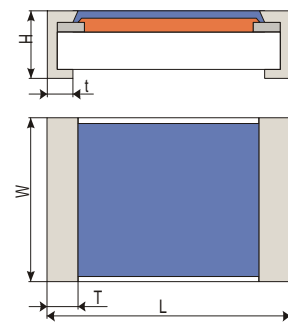
Sizes: 0402, 0603, 0805, 1206, 1210, 1218, 2010, 2512, 2040

Characteristics:

- Chip resistors in thick film technology
- Resistance area coated with glass and varnish passivation
- RoHS-conform
- Customer specific barcodes available - also in 2D
- All sizes can be manufactured with the following contact variants
 - ⇒ Electroplated alloy resistant tinned
 - ⇒ Contact with low rest permeability -N, suitable only for reflow soldering method
 - ⇒ Special corrosive gas resistant contact -S, Sulfur resistance verified according to ASTM B 809

Dimensions (in mm):

Size	L Length		W Width		H Depth		t Contact back		T Contact front	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	0402	0,95	1,10	0,45	0,60	0,25	0,40	0,10	0,35	0,05
0603	1,50	1,70	0,75	0,95	0,35	0,55	0,10	0,50	0,10	0,50
0805	1,85	2,15	1,10	1,40	0,35	0,65	0,15	0,60	0,15	0,60
1206	2,90	3,35	1,45	1,75	0,35	0,65	0,25	0,75	0,15	0,75
1210	3,00	3,30	2,35	2,65	0,50	0,75	0,35	0,85	0,25	0,85
1218	3,00	3,30	4,50	4,80	0,50	0,75	0,35	0,85	0,25	0,85
2010	4,80	5,20	2,30	2,70	0,50	0,75	0,35	0,85	0,25	0,85
2512	6,10	6,50	3,00	3,30	0,50	0,75	0,35	0,85	0,25	0,85
2040	4,90	5,30	10,05	10,35	0,50	0,75	0,35	0,85	0,25	0,85



Packaging units:

Reel Ø	Card tape acc. EN 60286-3	Blister tape
180 mm	5 T pcs. 10 T pcs. for size 0402	4 T pcs.
330 mm	10 T pcs. 20 T pcs.	8 T pcs. 16 T pcs.
Samples possible up to 50 pcs./value		

Ordering information:

CDF	-S	1206	0R	N	P	5 (optional)
Type	Contact	Size	R-Value	Marking	Packaging	pcs. / Reel (T pcs.)
CDF	Standard (without add.) -N (non magnetic) -S (corrosive gas resistant)	0402 to 2040	0R	K- with (from size 0603) N- without (only size 0402)	P- Card tape B- Blister tape S- Bulk	Depends on size and packaging unit

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Technical data – depending on size:

Size	Max. current I_{max} (A)	Max. R-Value R_{max} (mOhm)	Insulation voltage U_{ins} (V)		Packaging		
			1 min	Continuous	P	B	S
0402	1,50	20	75	75	x		x
0603	2,00	20	100	75	x		x
0805	2,50	20	200	75	x		x
1206	3,50	20	300	75	x		x
1210	4,00	20	300	75	x		x
1218	7,00	20	300	75		x	x
2010	5,00	20	300	75		x	x
2512	7,00	20	300	75		x	x
2040	8,00	20	300	75		x	x

Technical data - general:

Technical data	
Operating temperature range	-55°C ... +155°C
Solderability acc. EN 60068-2-58	245°C 3s
Soldering heat resistance acc. EN 60068-2-58	260°C 10s

Data, unless specified, acc. EN 140401-802.