

### Jumper in thick film technology - Automotive variant

**Type: ADF-Jumper**

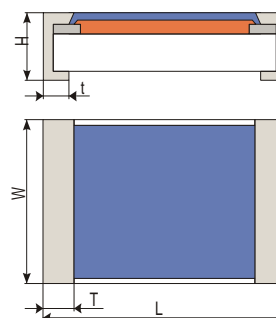
**Sizes: 0402, 0603, 0805, 1206, 1210, 1218, 2010, 2512, 2040**

#### Characteristics:

- Chip resistors in thick film technology
- Resistance area coated with glass and varnish passivation
- AEC Q200 qualified
- RoHS-conform
- Customer specific barcodes available - also in 2D
- All sizes can be manufactured with the following contact variants  
⇒ Electroplated alloy resistant tinned

#### 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
<b>0402</b>	0,95	1,10	0,45	0,60	0,25	0,40	0,10	0,35	0,05	0,35
<b>0603</b>	1,50	1,70	0,75	0,95	0,35	0,55	0,10	0,50	0,10	0,50
<b>0805</b>	1,85	2,15	1,10	1,40	0,35	0,65	0,15	0,60	0,15	0,60
<b>1206</b>	2,90	3,35	1,45	1,75	0,35	0,65	0,25	0,75	0,15	0,75
<b>1210</b>	3,00	3,30	2,35	2,65	0,50	0,75	0,35	0,85	0,25	0,85
<b>1218</b>	3,00	3,30	4,50	4,80	0,50	0,75	0,35	0,85	0,25	0,85
<b>2010</b>	4,80	5,20	2,30	2,70	0,50	0,75	0,35	0,85	0,25	0,85
<b>2512</b>	6,10	6,50	3,00	3,30	0,50	0,75	0,35	0,85	0,25	0,85
<b>2040</b>	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
<b>180 mm</b>	5 T pcs. 10 T pcs. for size 0402	4 T pcs.
<b>330 mm</b>	10 T pcs. 20 T pcs.	8 T pcs. 16 T pcs.
Samples possible up to 50 pcs./value		

#### Ordering information:

ADF	-S	1206	0R	N	P	5 (optional)
Type	Contact	Size	R-Value	Marking	Packaging	pcs. / Reel (T pcs.)
ADF	Standard (without add.)	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.