

HoT Chip Jumper Resistors 0R Series Specifications

Product Features

- ① Purple copper surface tin plating, good soldering performance;
- ② High reliability, high overload capacity;
- ③ Non-inductive design with wide operating temperature range;
- ④ ROHS compliant and halogen free;
- ⑤ Conforms to vehicle-specific AEC-Q200 tests.

Product Applications

- ① Drive technology, power electronics;
- ② Low Inductance Circuits;
- ③ High Current Pulse Circuit;
- ④ Current Sampling, Feedback Circuit;
- ⑤ Home appliance control, automotive electronics, communication power supply.

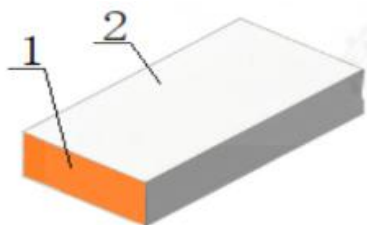


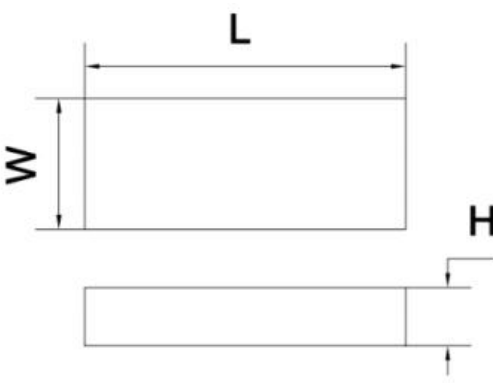
Product Model

Selection Example: HoT-2-4.5-11-I-H-L-D								
<u>H o</u>	<u>T</u>	<u>2</u>	<u>4 . 5</u>	<u>1 1</u>	<u>I</u>	<u>H</u>	<u>L</u>	<u>D</u>
↓	↓	↓	↓	↓	↓	↓	↓	↓
makers	Product Series	Product Thickness	Product width	Product Length	Product Shape	material	special specification	plaiting
Ho milliohm	SMD Jumpers	2mm 3mm	4.5mm 5mm	11mm 20mm 25mm	I=rectangular IK = with hole (No K means no hole)	H=Brass T=Copper Carbon P = pure nickel (No Character Default Copper)	L = bright tin plated W=Mist tin plating N=Mist Nickel Plated G = bright nickel plated	D = braided tape (No D for no tape.)

For specific parameters, please check the details on the following page

Product Mix

1	copper	
2	Surface plated with nickel 2-3um, then tin plated 3-5um.	

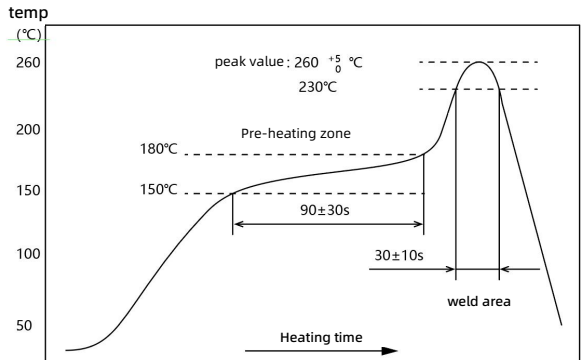
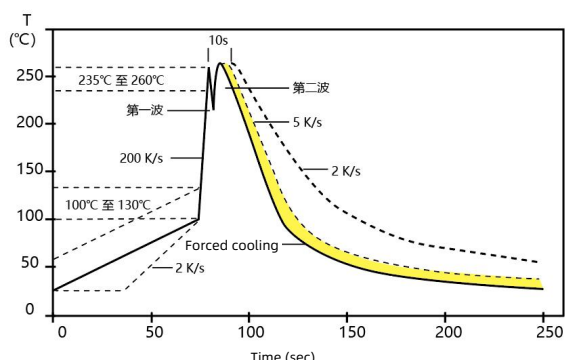
Product Specification(unit: mm)								
								
Product Number	Pseudolaric acid	Product Model	Thicknesses	Height	Lengths	Molds	carrier tape	Number of trays
HoCB1277	collector bar	HoT-0.4-0.8-4-I-B	0.4	0.8	4	/	/	
HoCB0597	collector bar	HoT-0.4-1.0-3.5-I-W	0.4	1	3.5	Available	/	
HoC01943	collector bar	HoT-0.4-1.0-5.3-I-W-D	0.4	1	5.3	Available	Available	
HoC01942	collector bar	HoT-0.4-1.0-6.7-I-W-D	0.4	1	6.7	Available	Available	
HoCB0257	collector bar	HoT-0.4-1.3-2-I-W	0.4	1.3	2	/	/	
HoC01366	collector bar	HoT-0.4-5-8-IK-L-D	0.4	5	8	Available	Available	8000pcs
HoC01365	collector bar	HoT-0.5-1.5-6.35-I-W-D	0.5	1.5	6.35	Available	Available	15000pcs
HoCB0521	collector bar	HoT-0.5-2-11.5-I-W	0.5	2	11.5	/	/	
HoCB1190	collector bar	HoT-0.5-2.5-35-I-B	0.5	2.5	35	/	/	
HoCB0518	collector bar	HoT-0.5-3-6-I-B	0.5	3	6	/	/	
HoC01496	collector bar	HoT-0.65-6-10-I-W-D	0.65	6	10	Available	Available	6000pcs
HoT00751	collector bar	HoT-0.8-1.5-3-I(1206)	0.8	1.5	3	Available	Available	4000pcs
HoCB1168	collector bar	HoT-0.8-2-3-I-W	0.8	2	3	/	/	
HoCB0275	collector bar	HoT-0.8-2-10-I-W	0.8	2	10	/	/	
HoCB0276	collector bar	HoT-0.8-2-11.5-I-W	0.8	2	11.5	/	/	
HoC01069	collector bar	HoT-0.8-3-6-I-W-D	0.8	3	6	Available	Available	4000pcs
HoC01492	collector bar	HoT-0.8-3-6-IK-W-D	0.8	3	6	Available	Available	4000pcs
HoC01068	collector bar	HoT-0.8-6-10-I-W-D	0.8	6	10	Available	Available	4000pcs
HoC01519	collector bar	HoT-0.8-10-12-I-L-D	0.8	10	12	Available	Available	3000pcs
HoC01716	collector bar	HoT-1-2-3.2-I-W-D	1	2	3.2	Available	Available	3000pcs
HoCB0284	collector bar	HoT-1-2-5-I-W	1	2	5	Available	/	

Product Number	Pseudolaric acid	Product Model	Thicknesses	Height	Lengths	Molds	carrier tape	Number of trays
HoC01974	collector bar	HoT-1-2-7-I-W-D	1	2	7	Available	Available	
HoC01434	collector bar	HoT-1-2-11-I-W-D	1	2	11	Available	Available	6000pcs
HoC01407	collector bar	HoT-1-3-6.4-I-W-D	1	3	6.4	Available	Available	3000pcs
HoC04420	collector bar	HoT-1-3.5-5-I-W-D	1	3.5	5	Available	Available	
HoC04706	collector bar	HoT-1-3.5-8-I-H-W-D	1	3.5	8	Available	/	
HoC00407	collector bar	HoT-1-3.5-16-I-H-W-D	1	3.5	16	Available	Available	4000pcs
HoC01741	collector bar	HoT-1-3.5-25-I-H-N-D	1	3.5	25	Available	Available	3000pcs
HoCB0327	collector bar	HoT-1-3.5-52-I-W	1	3.5	52	Available	/	
HoCB1105	collector bar	HoT-1-4-7-I-W	1	4	7	Available	/	
HoCB1106	collector bar	HoT-1-4-11-I-W	1	4	11	Available	/	
HoC01894	collector bar	HoT-1-4-25-I-W-D	1	4	25	Available	Available	4000pcs
HoCB0705	collector bar	HoT-1-4-25.5-I-W	1	4	25.5	Available	/	
HoCB0704	collector bar	HoT-1-4-28-I-W	1	4	28	Available	/	
HoC01918	collector bar	HoT-1-4-32-I-W-D	1	4	32	Available	Available	3000pcs
HoC01919	collector bar	HoT-1-4-40-I-W-D	1	4	40	Available	Available	3000pcs
HoC04560	collector bar	HoT-1-4-13-I-W-D	1	4	13	Available	Available	4000pcs
HoCB1193	collector bar	HoT-1-4.5-6-I-B	1	4.5	6	Available	/	
HoCB1129	collector bar	HoT-1-4.5-7-I-B	1	4.5	7	Available	/	
HoCB1117	collector bar	HoT-1-4.5-23-I-N	1	4.5	23	Available	/	
HoT01740	collector bar	HoT-1-4.5-70-I	1	4.5	70	Available	/	
HoCB1146	collector bar	HoT-1-5-15-I-B	1	5	15	Available	/	
HoCB1147	collector bar	HoT-1-5-18-I-B	1	5	18	Available	/	
HoCB1144	collector bar	HoT-1-5-20-I-B	1	5	20	Available	/	
HoC01691	collector bar	HoT-1-5-21-I-W-D	1	5	21	Available	Available	2000pcs
HoTB0526	collector bar	HoT-1-5-30-I-W	1	5	30	Available	/	
HoCB1051	collector bar	HoT-1-5-31-I-W	1	5	31	Available	/	
HoC01885	collector bar	HoT-1-5-40-I-W-D	1	5	40	Available	Available	3000pcs

Product Number	Pseudolaric acid	Product Model	Thicknesses	Height	Lengths	Molds	carrier tape	Number of trays
HoCB0423	collector bar	HoT-1-5-55-I-W	1	5	55	Available	/	
HoC01717	collector bar	HoT-1-6-6-I-W-D	1	6	6	Available	Available	4000pcs
HoC01718	collector bar	HoT-1-6-11-I-W-D	1	6	11	Available	Available	5000pcs
HoC01719	collector bar	HoT-1-6-18-I-W-D	1	6	18	Available	Available	4000pcs
HoCB1113	collector bar	HoT-1-6-69-I-B	1	6	69	Available	/	
HoCB1103	collector bar	HoT-1-10-10-I-W	1	10	10	Available	/	
HoCB0716	collector bar	HoT-1-10-16-I-W	1	10	16	Available	/	
HoC01708	collector bar	HoT-1-10-17-I-W-D	1	10	17	Available	Available	1500pcs
HoCB0694	collector bar	HoT-1.2-5-20-I-W	1.2	5	20	/	/	
HoCB1134	collector bar	HoT-1.2-5-25-I-W	1.2	5	25	/	/	
HoC04789	collector bar	HoT-1.2-3.3-25-I-W-D	1.2	3.3	25	/	/	
HoC04641	collector bar	HoT-1.2-4-30-I-W-D	1.2	4	30	/	/	
Ho4942	collector bar	HoT-1.2-13-73-I	1.2	13	73	/	/	
Ho5057	collector bar	HoT-1.2-22-63-I	1.2	22	63	/	/	
HoCB1153	collector bar	HoT-1.5-2-20-I-B	1.5	2	20	Available	/	
HoCB1139	collector bar	HoT-1.5-2-22-I-AL-W	1.5	2	22	Available	/	
HoCB1138	collector bar	HoT-1.5-2-28-I-AL-W	1.5	2	28	Available	/	
HoC01906	collector bar	HoT-1.5-2-45-I-W-D	1.5	2	45	Available	/	
Ho1312	collector bar	HoT-1.5-2.2-52-I	1.5	2.2	52	/	/	
HoCB0950	collector bar	HoT-1.5-3-10-I-W	1.5	3	10	/	/	
HoCB0451	collector bar	HoT-1.5-3-16-I-B	1.5	3	16	/	/	
HoC04698	collector bar	HoT-1.5-3-45-I-W-D	1.5	3	45	/	/	
HoCB1154	collector bar	HoT-1.5-4-20-I-B	1.5	4	20	Available	/	
HoC04425	collector bar	HoT-1.5-4-23.5-I-AL-W-D	1.5	4	23.5	Available	/	
HoC01902	collector bar	HoT-1.5-4-25.5-I-W-D	1.5	4	25.5	Available	Available	3000pcs
HoC01903	collector bar	HoT-1.5-4-28-I-W-D	1.5	4	28	Available	Available	3000pcs
HoCB1155	collector bar	HoT-1.5-7-32-I-B	1.5	7	32	Available	/	
HoC01905	collector bar	HoT-1.5-7-55-I-W-D	1.5	7	55	Available	Available	1500pcs
HoCB1098	collector bar	HoT-2-2-6-I-W	2	2	6	/	/	
HoCB1097	collector bar	HoT-2-2-18-I-W	2	2	18	/	/	
HoCB0981	collector bar	HoT-2-2-20-I-B	2	2	20	/	/	
HoC01962	collector bar	HoT-2-2-20-I-W-D	2	2.2	20	/	/	

Product Number	Pseudolaric acid	Product Model	Thicknesses	Height	Lengths	Molds	carrier tape	Number of trays
HoT01754	collector bar	HoT1-2-2.5-4-I-W-D	2	2.5	4	Available	Available	3000pcs
Ho2268	collector bar	HoT-2-2.5-8-I-B	2	2.5	8	Available	/	
HoC01431	collector bar	HoT-2-2.5-12-I-W-D	2	2.5	12	Available	Available	3000pcs
HoC01719	collector bar	HoT-2-2.5-14.5-I-W-D	2	2.5	14.5	Available	Available	4000pcs
HoCB1264	collector bar	HoT-2-2.5-17-I-B	2	2.5	17	Available	/	
HoC01433	collector bar	HoT-2-2.5-22-I-W-D	2	2.5	22	Available	Available	4000pcs
HoCB1169	collector bar	HoT-2-2.5-55-I-W	2	2.5	55	Available	/	
HoC01432	collector bar	HoT-2-3-6-I-W-D	2	3	6	Available	Available	3000pcs
HoCB0117	collector bar	HoT-2-3-7-I-W-D	2	3	7	Available	Available	3000pcs
HoC01973	collector bar	HoT-2-3-9-I-W-D	2	3	9	Available	Available	3000pcs
HoC01890	collector bar	HoT-2-3-10-I-W-D	2	3	10	Available	Available	3000pcs
HoCB0272	collector bar	HoT-2-3-20-I-W	2	3	20	Available	/	
HoC01686	collector bar	HoT-2-3-25-I-W-D	2	3	25	Available	Available	3000pcs
Ho6354	collector bar	HoT-2-3.3-6-I-B	2	3.3	6	Available	/	
HoCB0467	collector bar	HoT-2-3.3-10-I-W	2	3.3	10	Available	/	
HoC01435	collector bar	HoT-2-3.3-25-I-W-D	2	3.3	25	Available	Available	3000pcs
HoCB0711	collector bar	HoT-2-4-5-I-W	2	4	5	Available	/	
HoC04799	collector bar	HoT-2-4-10-I-W-D	2	4	10	Available	/	
HoCB0176	collector bar	HoT-2-4-15-I-W	2	4	15	Available	/	
HoCB0279	collector bar	HoT-2-4-20-I-W	2	4	20	Available	/	
HoCB0283	collector bar	HoT-2-4-25-I-W	2	4	25	Available	/	
HoC01617	collector bar	HoT-2-4-30-I-W-D	2	4	30	Available	Available	3000pcs
HoCB1128	collector bar	HoT-2-4-33-I-B	2	4	33	Available	/	
HoCB1143	collector bar	HoT-2-4-36-I-B	2	4	36	Available	/	
HoCB1254	collector bar	HoT-2-4.5-3-I-B	2	4.5	3	Available	/	
HoCB0543	collector bar	HoT-2-4.5-7-I-B	2	4.5	7	Available	/	
HoC01430	collector bar	HoT-2-4.5-11-I-W-D	2	4.5	11	Available	Available	3000pcs
HoC01907	collector bar	HoT-2-4.5-14.7-I-W-D	2	4.5	14.7	Available	Available	3000pcs
HoCB1205	collector bar	HoT-2-4.5-17-I-B	2	4.5	17	Available	/	
HoCB0859	collector bar	HoT-2-4.5-18-I-W	2	4.5	18	Available	/	
HoCB0697	collector bar	HoT-2-4.5-45-I-W	2	4.5	45	Available	/	
HoCB1094	collector bar	HoT-2-5-9-I-W	2	5	9	Available	/	

Product Number	Pseudolaric acid	Product Model	Thicknesses	Height	Lengths	Molds	carrier tape	Number of trays
HoCB0287	collector bar	HoT-2-5-15-I-W	2	5	15	Available	/	
HoC01782	collector bar	HoT-2-5-18-I-W-D	2	5	18	Available	Available	3000pcs
HoCB0288	collector bar	HoT-2-5-23-I-W	2	5	23	Available	/	
HoCB0239	collector bar	HoT-2-5-25-I-W	2	5	25	Available	/	
HoC01703	collector bar	HoT-2-5-30-I-W-D	2	5	30	Available	Available	2500pcs
HoCB1159	collector bar	HoT-2-5-45-I-W	2	5	45	Available	/	
HoC04205	collector bar	HoT-2-6-9-I-W-D	2	6	9	Available	Available	
HoC04340	collector bar	HoT-2-6-18-I-W	2	6	18	Available	/	
HoC01899	collector bar	HoT-2-6-25-I-W-D	2	6	25	Available	Available	3000pcs
HoC01543	collector bar	HoT-2-6-30-I-B	2	6	30	Available	/	
Ho6471	collector bar	HoT-2-6-39-I-B	2	6	39	Available	/	
HoCB1127	collector bar	HoT-2-6-85-I-B	2	6	85	Available	/	
Ho5395	collector bar	HoT-2-7-20-I	2	7	20	Available	Available	1500pcs
HoCB0669	collector bar	HoT-2-7-25-I-W	2	7	25	Available	Available	1500pcs
HoC01550	collector bar	HoT-2-7-32-I	2	7	32	Available	Available	1500pcs
HoC01488	collector bar	HoT-2-7-43-I	2	7	43	Available	/	
HoCB0972	collector bar	HoT-2-7-45-I-W	2	7	45	Available	/	
HoCB1181	collector bar	HoT-2-7-56-I-W	2	7	56	Available	/	
HoCB1194	collector bar	HoT-2-7-60-I-B	2	7	60	Available	/	
HoCB0208	collector bar	HoT-2-7-65-I-B	2	7	65	Available	/	
Ho6833	collector bar	HoT-2.2-2.5-12-I-B	2.2	2.5	12	/	/	
Ho6834	collector bar	HoT-2.2-2.5-22-I-B	2.2	2.5	22	/	/	
HoCB1241	collector bar	HoT-2.5-2.5-10-I-W	2.5	2.5	10	/	/	
HoC01958	collector bar	HoT-2.5-4.5-11-I-W-D	2.5	4.5	11	Available	/	3000pcs
HoC04423	collector bar	HoT-2.5-5-10-I-W-D	2.5	5	10	/	/	
HoT01776	collector bar	HoT-2.5-5-50-I-W	2.5	5	50	/	/	
HoCB1653	collector bar	HoT-3-6-15-IR-W	3	6	15	/	/	
Ho7616	collector bar	HoT-3-6-30-IR-W	3	6	15	/	/	
Ho4581	collector bar	HoT-3-6-90-I-B	3	6	90	/	/	
Ho4582	collector bar	HoT-3-6-95-I	3	6	95	/	/	
HoCB1620	collector bar	HoT-4-11-23-I-W	4	11	23	/	/	

Recommended welding parameters	
 temp (°C) peak value: $260 \pm 5^{\circ}\text{C}$ 230°C Pre-heating zone 180°C 150°C 90±30s 30±10s weld area Heating time	 Forced cooling T (°C) 235°C 至 260°C 100°C 至 130°C 5 K/s 2 K/s Forced cooling Time (sec)
Reflow Profile	Wave soldering profile

Performance testing		
Sports event	Test conditions and methods	Performance Requirements
Overloaded	Maximum overload current for 5S	No visible discoloration or damage in appearance
Solderability	Soldering temperature $245 \pm 5^{\circ}\text{C}$; soaking time: 3 ± 0.5 seconds	Solder coverage greater than 95 percent
Weld heat resistance	Immersed in the converging strip $260 \pm 5^{\circ}\text{C}$ tin furnace, 10 ± 1 seconds out of the static 60 minutes or more, then observe the surface changes	No visible discoloration or damage in appearance

■ Instructions for use:

1、Instructions for use of the product

- ① During the use of the product, pay attention to the surface protection to prevent the surface of the product from bumps, scratches and other defects.
- ② Avoid mechanical stress when installing and using the product.
- ③ The long-term use power of the product should be less than or equal to the rated power to avoid resistance drift caused by long-term use overload.
- ④ When using the product under high temperature or poor heat dissipation conditions, refer to the power reduction curve for derating applications.
- ⑤ Avoid removing the product from the package before it is used to avoid the risk of oxidizing the product and causing poor soldering.

2、Product Storage Instructions

- ① Product storage environment temperature of $5 \sim 35^{\circ}\text{C}$, humidity $< 65\% \text{ RH}$, and humidity should be kept at a low level as far as possible.
- ② The product should be stored in a clean and dry environment free from harmful gases.
- ③ Avoid removing the product from its packaging until it has been used.
- ④ Under the above storage conditions, the product can be maintained for 1 year.
- ⑤ For products more than 1 year old, check the surface for oxidation and solder test is required.

statement denying or limiting responsibility

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