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ALUMINUM HOUSED RESISTOR TYPE HCL SERIES

TE Connectivity (TE)'s Aluminum Housed Resistor Type HCL Series are designed in a ultra slim package capable of dissipating high power where space is at a premium and heat sinking is available. The resistor is capable of absorbing high overloads in relation to its size. Aluminum Housed Resistor Type HCL Series are ideal for use in servo drives & controllers and frequency inverters. They are used for motor braking, dummy loads and in conventional power resistor applications.

BENEFITS

- Ultra slim package 7.25mm
- High power to size ratio
- High overload capability
- UL approved

APPLICATIONS

- Servo drives
- Controllers
- Frequency inverter

Aluminum Housed Resistor Type HCL Series

PART NUMBER LIST

Product Image	Base PN	TCPN	Description
	2176489	2176489-1	HCL130 70W 3R3 5% CABLE 150MM
		2176489-2	HCL130 70W 3R9 5% CABLE 150MM
		2176489-3	HCL130 70W 4R7 5% CABLE 150MM
		2176489-4	HCL130 70W 5R6 5% CABLE 150MM
		2176489-5	HCL130 70W 6R8 5% CABLE 150MM
		2176489-6	HCL130 70W 8R2 5% CABLE 150MM
		2176489-7	HCL130 70W 10R 5% CABLE 150MM
		2176489-8	HCL130 70W 12R 5% CABLE 150MM
		2176489-9	HCL130 70W 15R 5% CABLE 150MM
		1-2176489-0	HCL130 70W 18R 5% CABLE 150MM
		1-2176489-1	HCL130 70W 22R 5% CABLE 150MM
		1-2176489-2	HCL130 70W 27R 5% CABLE 150MM
		1-2176489-3	HCL130 70W 33R 5% CABLE 150MM
		1-2176489-4	HCL130 70W 39R 5% CABLE 150MM
		1-2176489-5	HCL130 70W 47R 5% CABLE 150MM
		1-2176489-6	HCL130 70W 56R 5% CABLE 150MM
		1-2176489-7	HCL130 70W 68R 5% CABLE 150MM
		1-2176489-8	HCL130 70W 82R 5% CABLE 150MM
		1-2176489-9	HCL130 70W 100R 5% CABLE 150MM
		2-2176489-0	HCL130 70W 120R 5% CABLE 150MM
		2-2176489-1	HCL130 70W 150R 5% CABLE 150MM
		2-2176489-2	HCL130 70W 180R 5% CABLE 150MM
		2-2176489-3	HCL130 70W 220R 5% CABLE 150MM
		2-2176489-4	HCL130 70W 270R 5% CABLE 150MM
		2-2176489-5	HCL130 70W 330R 5% CABLE 150MM
		2-2176489-6	HCL130 70W 390R 5% CABLE 150MM
		2-2176489-7	HCL130 70W 470R 5% CABLE 150MM
		2-2176489-8	HCL130 70W 560R 5% CABLE 150MM
		2-2176489-9	HCL130 70W 680R 5% CABLE 150MM
		3-2176489-0	HCL130 70W 820R 5% CABLE 150MM
		3-2176489-1	HCL130 70W 1K0 5% CABLE 150MM
		3-2176489-2	HCL130 70W 1K2 5% CABLE 150MM
		3-2176489-3	HCL130 70W 1K5 5% CABLE 150MM
		3-2176489-4	HCL130 70W 1K8 5% CABLE 150MM
		3-2176489-5	HCL130 70W 2K2 5% CABLE 150MM
		3-2176489-6	HCL130 70W 2K7 5% CABLE 150MM
		3-2176489-7	HCL130 70W 3K3 5% CABLE 150MM

Aluminum Housed Resistor Type HCL Series

PART NUMBER LIST

Product Image	Base PN	TCPN	Description
	2176490	2176490-1	HCL165 100W 4R7 5% CABLE 150MM
		2176490-2	HCL165 100W 5R6 5% CABLE 150MM
		2176490-3	HCL165 100W 6R8 5% CABLE 150MM
		2176490-4	HCL165 100W 8R2 5% CABLE 150MM
		2176490-5	HCL165 100W 10R 5% CABLE 150MM
		2176490-6	HCL165 100W 12R 5% CABLE 150MM
		2176490-7	HCL165 100W 15R 5% CABLE 150MM
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		2-2176490-8	HCL165 100W 820R 5% CABLE 150MM
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		3-2176490-0	HCL165 100W 1K2 5% CABLE 150MM
		3-2176490-1	HCL165 100W 1K5 5% CABLE 150MM
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		3-2176490-4	HCL165 100W 2K7 5% CABLE 150MM
		3-2176490-5	HCL165 100W 3K3 5% CABLE 150MM
		3-2176490-6	HCL165 100W 3K9 5% CABLE 150MM
		3-2176490-7	HCL165 100W 4K7 5% CABLE 150MM
		3-2176490-8	HCL165 100W 5K6 5% CABLE 150MM

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Aluminum Housed Resistor Type HCL Series

ORDERING INFORMATION

Smart Part Number
HCL130 – J – 4R7 – C – X

Product Series

HCL130	Aluminum Housed Resistor Type HCL Series
HCL165	

Resistance Tolerance

J	5%
K	10%

Resistance Value

4R7	4.7Ω
56R	56Ω
1K0	1KΩ

Cable Length

X	150mm
M****	Custom
M1000	1000mm

Termination Type

C	Cable
M	Custom

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