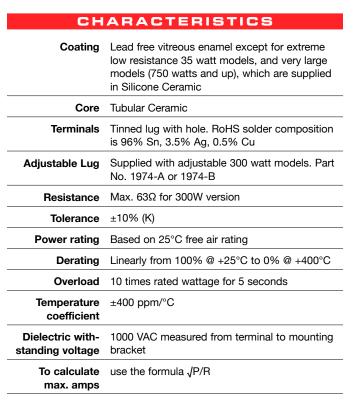
280 Series

Corrib® Fixed and Adjustable Vitreous Enamel Power

Corrib® resistors are ideal for applications involving high currents at very low resistance values—as low as 0.1Ω for the 300 Watt unit. These large, heavyduty resistors are designed to withstand frequent start-stop cycles characteristic of motor starting. dynamic braking and other similar applications. Special order units are available to accommodate up to 1500 watts.

Corribs® are manufactured with corrugated resistive wire. To accelerate cooling, the wire is securely fused to the ceramic core by the protective vitreous enamel coating to improve durability. Corrib resistors are hollow-core units which can be securely fastened to chassis surfaces with thru bolts and brackets.





FEATURES

- Also available in Centohm or Silicone coating. Consult Ohmite.
- Ribbed construction aids in rapid cooling.
- Designed for equipment requiring low resistance loads at low ohmic values and high current capac-
- Especially constructed for motor starting, dynamic braking, etc.
- RoHS compliant product available. Add "E" suffix to part number to specify.

RESISTOR HARDWARE

Thru Bolts Mounting Brackets for 300 Watt Corrib

Includes two each bracket, bolt, washers (centering, mica, lock) and nut. Note: Single unit mounting contains one each bolt and nut; two each all washers.

	Part Slotted	No. Elongated	No. of Resistors	Moun. Derat. %
6110-81/2 6120		6126-P-81/2	1	100%
	- 6127-P-81/2		2	83%
	-	6128-P-81/2	3	80%
	-	6129-P-81/2	4	80%

Lugs for 300 Watt **Adjustable Corrib**

Part No.	Res.	Part No.	Res.
1974-A 1/16 Wire	0.40 0.50 0.63 1.00 1.60 2.00 2.50 3.10 4.00 6.30 8.00 10.00 12.00 12.00 12.00 25.00 20.00	1974-B 1/8 wire	0.10 0.12 0.16 0.20 0.25 0.31 0.80 1.20
	50.00		

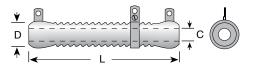
(continued)



280 Series

Corrib® Fixed and Adjustable Vitreous Enamel Power

DIMENSIONS



Core and Terminal Selection for Made to Order Type

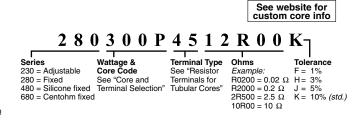
Free Air Wattage Rating D: OD		Core Dimensions		Code for Core	Ohn	าร	Term.
		C: ID	L: Length	Dia.			Туре
1500 1000 750 380	2.50" (63.5mm)	1.75" (44.45mm)	20.0" (508.00mm) 15.0" (381.00mm) 12.0" (304.80mm) 6.0" (152.40mm)	S S S	0.56 0.41 0.31 0.13	358 258 198 78	45
550 500 400	1.625" (41.28mm)	1.125" (28.58mm)	11.75" (298.45mm) 10.50" (266.70mm) 8.5" (215.90mm)	R R R	0.21 0.19 0.14	133 117 91	45
270	1.50" (38.10mm)	1.125" (28.58mm)	5.0" (127.00mm)	Q	0.065	41	45
395 375 300 220 185 155 140	1.125" (28.58mm)	0.75" (19.05mm)	11.25" (285.75mm) 10.5" (266.70mm) 8.5" (215.90mm) 6.0" (152.40mm) 5.0" (127.00mm) 4.25" (107.95mm) 4.0" (101.6mm)	P P P P	0.14 0.13 0.099 0.063 0.05 0.038 0.04	87 80 63 39 30 25 20	45

Free A Watta Ratin	ge	Core Dimensions D: OD C: ID L: Length			Ohms Min. Max.		Term. Type
315 215 190 150 125	1.00" (25.40mm)	0.625" (15.88mm)	10.0" (254.00mm) 7.0" (177.60mm) 6.0" (152.40mm) 5.0" (127.00mm) 4.0" (101.60mm)	N N N N N	0.11 0.068 0.056 0.043 0.031	67 43 35 27 19	45
180 160 140 105 100	0.75" (19.05mm)	0.50" (12.70mm)	6.5" (165.10mm) 6.0" (152.40mm) 5.0" (127.00mm) 4.0" (101.60mm) 3.5" (88.90mm)	M M M M	0.031 0.038 0.028 0.020 0.021	29 26 20 14 11	45
135 110 90 35	0.563" (14.30mm)	0.313" (7.95mm)	6.0" (152.40mm) 5.0" (127.00mm) 4.0" (101.60mm) 2.0" (50.80mm)	K K K	0.028 0.029 0.021 0.0097	21 16 12 0.11	46 46
35	0.563" (14.30mm)	0.313" (7.95mm)	2.0" (50.80mm)	К	0.12	5.6	40

ORDERING INFORMATION

Standard

Made-to-order



NOTE: Wattages above 750 watts come with silicone coating.

Standard part numbers for 280 series

C300KR10E	C300K2R0E	E300K10RE	E300K6R3E
C300KR12E	C300K2R5E	E300K12RE	E300K8R0E
C300KR20E	C300K3R1E	E300K16RE	E300KR10E
C300KR25E	C300K4R0E	E300K1R0E	E300KR12E
C300KR31E	C300K5R0E	E300K1R6E	E300KR16E
C300KR40E	C300K6R3E	E300K20RE	E300KR20E
C300KR50E	C300K8R0E	E300K2R0E	E300KR25E
C300KR63E	C300K10RE	E300K2R5E	E300KR31E
C300K1R0E	C300K12RE	E300K3R1E	E300KR40E
	C300K16RE		
C300K1R6E	C300K20RE	E300K5R0E	E300KR63E
			E300KR80E

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Ohmite:

230160M45-6R8H 28090K46-R40H 280160M45-6R8H E375K80RE