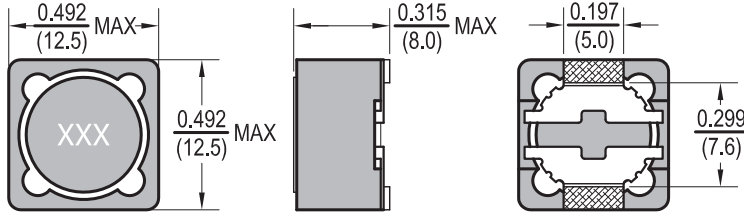


Dimensions:  $\frac{\text{Inches}}{\text{(mm)}}$



Allied Part Number	Inductance (μH)	Tolerance %	DCR (Ω) Max	IDC (A) Max
PCHC128H-2R2M	2.2	20	0.007	25.5
PCHC128H-4R7M	4.7	20	0.016	15.9
PCHC128H-5R6M	5.6	20	0.020	14.0
PCHC128H-6R8M	6.8	20	0.021	13.3
PCHC128H-8R2M	8.2	20	0.023	12.2
PCHC128H-100M	10	20	0.024	11.2
PCHC128H-150M	15	20	0.031	9.00
PCHC128H-180M	18	20	0.035	5.10
PCHC128H-220M	22	20	0.040	7.57
PCHC128H-330M	33	20	0.070	6.22
PCHC128H-390M	39	20	0.075	4.50
PCHC128H-470M	47	20	0.080	5.28
PCHC128H-560M	56	20	0.130	4.50
PCHC128H-680M	68	20	0.105	4.26
PCHC128H-820M	82	20	0.143	3.80
PCHC128H-101M	100	20	0.163	3.52
PCHC128H-121M	120	20	0.170	1.90
PCHC128H-151M	150	20	0.247	3.01
PCHC128H-221M	220	20	0.376	2.36
PCHC128H-331M	330	20	0.574	2.00
PCHC128H-391M	390	20	0.650	1.50
PCHC128H-471M	470	20	0.861	1.64
PCHC128H-681M	680	20	1.080	1.38
PCHC128H-821M	820	20	1.470	1.26
PCHC128H-102M	1000	20	1.660	1.14

All specifications subject to change without notice.

**Features**

- Magnetically shielded construction
- High Saturation Current
- Directly connected electrode on ferrite core

**Electrical**

**Inductance Range:** 2.2μH to 1000μH  
**Tolerance:** ±20% Across entire series  
**Test Frequency:** 100KHz, 0.25V  
**Operating Temp:** -40°C to +125°C  
**IDC:** The Current at which Inductance Drops By 30% from Initial Value (To ±25°C)

**Resistance to Soldering Heat**

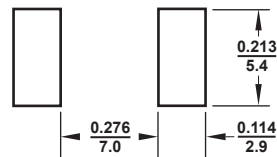
**Pre-Heat:** 150-180°C 90 -120 Sec.  
**Solder Temp:** 260°C ±5°C  
**Immersion Time:** 10 sec.

**Test Equipment**

**(L):** HP4284A LCR meter or equivalent  
**DCR:** Milli-ohm meter

**Physical**

**Packaging:** 500pcs per 13" Reel  
**Marking:** EIA Code



Recommended Pad Layout