

- 30A to 70A
- Low Profile
- Low DCR
- Low AC losses
- High current

Schott Corporation's Helical Winding Technology (HWT™) offers superior solutions for your high current inductor requirements. Low profile planar inductors are smaller and less expensive than comparable magnet wire or copper foil wound designs. The flat wire in the planar structure results in lower skin effect than realized with similar magnet wire designs. The integral, self leaded, surface mount construction eliminates the uncertainties of additional solder connections from the winding to terminating devices. Applications include low voltage/high current DC-DC converter input and output filters.

### Specifications

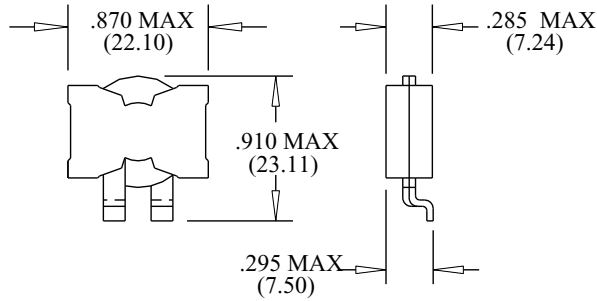
Schott P/N	L, uH +/- 10%	Current Amps, Max	DCR mOhm NOM	Size
35067	0.62	45.0	0.06	PQ2007
35068	1.40	30.0	1.30	PQ2007
35069	0.90	70.0	0.47	PQ3211
35070	2.00	50.0	0.86	PQ3211
35071	3.55	37.5	0.62	PQ3211
36560	2.49	22.5	2.30	PQ2007
36835	5.00	10.0	2.50	PQ2007
38487	2.50	25.0	1.75	PQ2010
39774	1.00	50.0	0.82	PQ2610

Parts availability subject to Schott manufacturing schedules and leadtimes. Not all parts available from stock. Please contact us for more details and availability. The Adobe Acrobat Reader is required to view these linked documents.

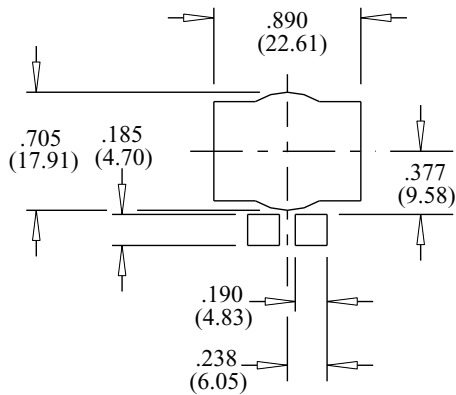
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# PQ2007

IN  
(mm)

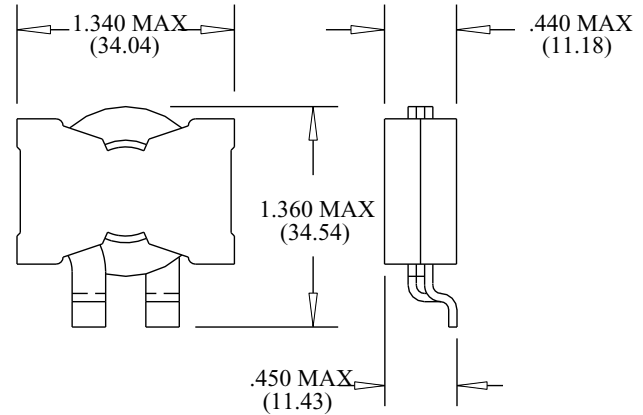


## SUGGESTED PCB FOOTPRINT

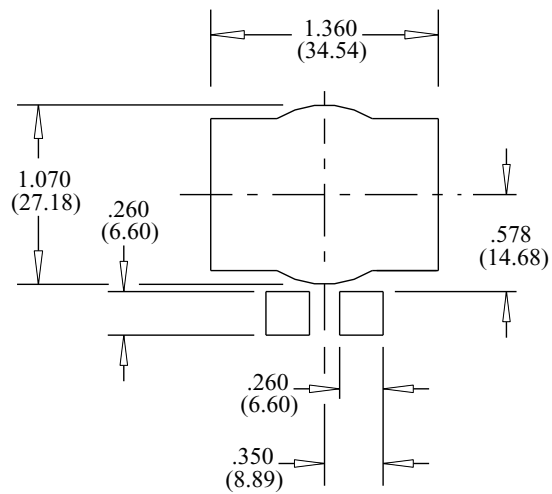


# PQ3211

IN  
(mm)



## SUGGESTED PCB FOOTPRINT



1. Inductance is tested at 0.01 Vrms, 100 kHz, zero DC current.
2. Temperature rise (still air) is approximately 60 C at rated current.
3. Parts are 100% tested for inductance and hipot (300 Vrms).



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