

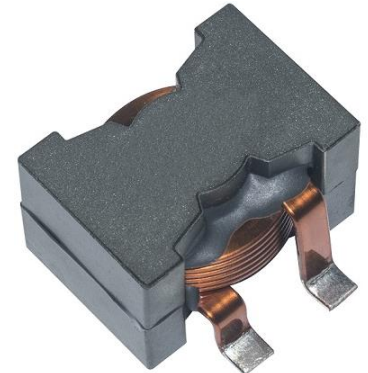
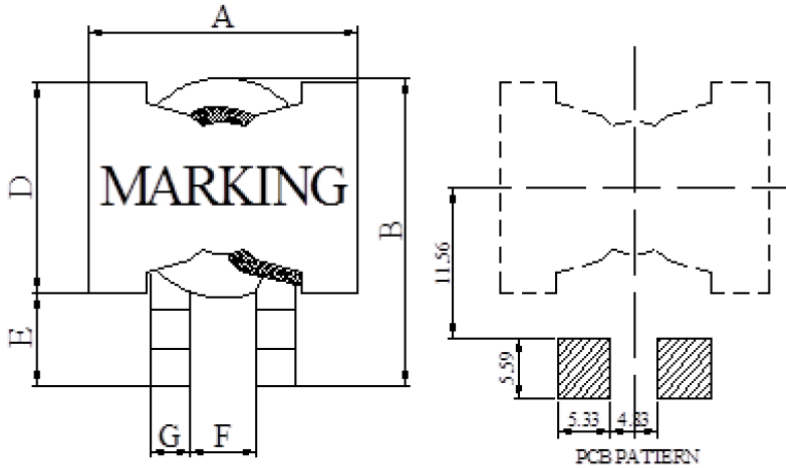
PLANAR INDUCTOR SMD

SERIE: PQ SERIE 27,90 x 14,22mm

DIMENSIONS:



RoHS Compliant

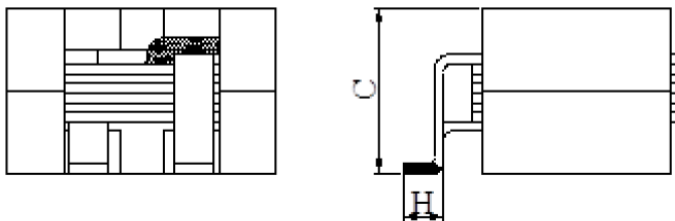


High:

PQ-2814-Z = 14,22mm

PQ-2814-X = 14,22mm

PQ-2817-Z = 16,64mm



Unit: mm

A	B	D	E	F	G	H
27.90 Max	27.94 Max	19.30 Max	6.90 Ref	6.62 Ref	3.80 Ref	3.80 Ref

SCHEMATIC:

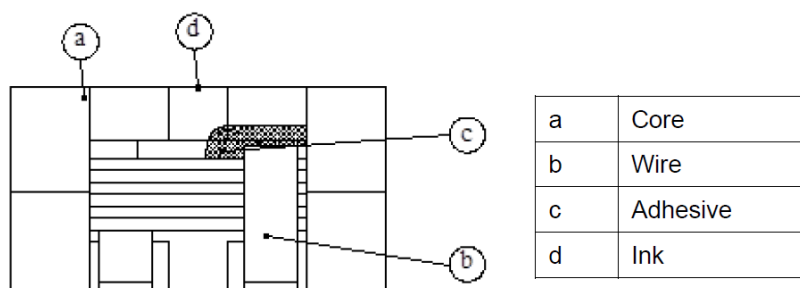


NOTE : Specifications subject to change without notice. Please check our website for latest information

PLANAR INDUCTOR SMD

SERIE: PQ SERIE 27,90 x 14,22mm

Material:



SPECIFICATION :

- (a) Storage Temp.: -40°C - 125°C
- (b) Operating Temp. : -40°C to +85°C with (40°C rise) Irms current, +85°C to +125°C with derated current
- (c) Humidity Range : 60% RH
- (d) Storage condition (component in its packaging)
 - i) Temperature: Less than 40°C
 - ii) Humidity : 60% RH

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PLANAR INDUCTOR SMD

SERIE: PQ SERIE 27,90 x 14,22mm



ELECTRICAL CHARACTERISTICS :

Part. No.	Inductance (uH) @500KHz./0,1V	I _{rms} (A)		I _{sat} (A)			DCR (mΩ)	SRF (MHz. Zyp.)
		20°C Typ.	40°C Typ.	10% Typ.	20% Typ.	30% Typ.		

PQ2814 - 1R5ZSWE	1,5	10%	20,0	30,0	100	100	100	1,62	60,0
PQ2814 - 2R2XSWE	2,2	10%	20,0	30,0	100	100	100	2,01	40,0
PQ2814 - 2R2ZSWE	2,2	10%	20,0	30,0	82,0	84,0	84,8	1,62	50,0
PQ2817 - 3R3ZSWE	3,3	10%	20,0	28,0	91,0	92,5	93,6	2,82	40,0
PQ2814 - 3R3XSWE	3,3	10%	20,0	30,0	62,0	66,9	68,4	2,01	30,0
PQ2814 - 3R3ZSWE	3,3	10%	20,0	30,0	48,0	54,0	57,0	1,62	40,0
PQ2817 - 4R7ZSWE	4,7	10%	20,0	28,0	59,0	61,2	62,4	2,82	30,0
PQ2814 - 4R7XSWE	4,7	10%	20,0	30,0	42,0	48,0	50,1	2,01	25,0
PQ2814 - 4R7ZSWE	4,7	10%	20,0	30,0	33,0	36,9	39,0	1,62	30,0
PQ2817 - 6R8ZSWE	6,8	10%	20,0	28,0	42,0	45,0	45,9	2,82	25,0
PQ2814 - 6R8XSWE	6,8	10%	20,0	30,0	30,0	34,5	36,2	2,01	20,0
PQ2814 - 6R8ZSWE	6,8	10%	20,0	30,0	22,0	26,0	27,8	1,62	25,0
PQ2817 - 100ZSWE	10,0	10%	20,0	28,0	28,0	31,2	32,1	2,82	20,0
PQ2814 - 100XSWE	10,0	10%	20,0	30,0	18,0	21,5	23,4	2,01	15,0
PQ2814 - 100ZSWE	10,0	10%	20,0	30,0	13,0	16,2	17,6	1,62	20,0
PQ2817 - 150ZSWE	15,0	10%	20,0	28,0	18,0	21,2	21,9	2,82	16,0
PQ2814 - 150XSWE	15,0	10%	20,0	30,0	11,5	14,0	15,2	2,01	12,0
PQ2814 - 150ZSWE	15,0	10%	20,0	30,0	7,5	9,8	11,0	1,62	15,0
PQ2817 - 220ZSWE	22,0	10%	20,0	28,0	12,0	14,0	15,0	2,82	15,0
PQ2814 - 220XSWE	22,0	10%	20,0	30,0	7,0	8,6	9,6	2,01	10,0
PQ2814 - 220ZSWE	22,0	10%	20,0	30,0	4,5	6,0	6,8	1,62	10,0
PQ2817 - 330ZSWE	33,0	10%	20,0	28,0	7,0	8,7	9,6	2,82	10,0
PQ2814 - 330XSWE	33,0	10%	20,0	30,0	4,0	5,1	5,9	2,01	8,0
PQ2814 - 330ZSWE	33,0	10%	20,0	30,0	2,0	2,6	3,3	1,62	7,0

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