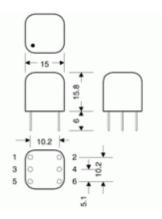


Quality Products. Service Excellence.

Pulse Encapsulated PC Board Mount 610AA-610H Series

Note: This product line will soon be discontinued as a stocked series. Available while quantities last. For alternative solution assistance, please contact Hammond Customer Service - **sales@hammfg.com** or USA (716) 630-7030, Canada and International (519) 822-2960.







Features

- These ferrite cored transformers are fully encapsulated in a high grade black molded case with a UL94V-O rating.
- Units are intended for wide band and pulse applications including thyristor / triac firing circuits, signal isolation, line matching, low power switch mode power supplies, etc.
- Working voltage rating maximum of 500V RMS
- All units are voltage proof tested to 2.0KV peak 50 Hz.

Notes:

- Pins 0.8 or .64 square
- Dot above pin 1
- All dimensions are in mm
- Pin 3 & 4 exist on 610BB, 610C & 610E

	Primary		Leakage		D.C. Winding				
	Inductance ET		Inductance	Capacity	acity Resistance (ohms)		Sch.		
Ratio	mH (min)	Constant V (uS)	uH (max)	pf. (Ref)	Primary	Secondary 1	Secondary 2	Fig. #	Remarks
1:1	3	200	22	23	1.2	1	-	А	-
1:1:1	3	200	9	28	1.4	1.3	1.7	В	-
2:1:1	12	400	35	30	4	1.8	2.4	В	-
1:1 & Shld	3	200	32	15	1.3	1	-	С	610AA plus electrostatic shield
1 ct: 1 ct	3	200	22	23	1.2	1	-	D	610AA with center taps
1:1 ct & Shld	12	400	100	11	3.8	5.3	-	Е	includes electrostatic shield
1:2 ct & Shld	1.5	140	15	15	1.2	2.6	-	F	includes electrostatic shield
	1:1 1:1:1 2:1:1 1:1 & Shld 1 ct: 1 ct 1:1 ct & Shld	Ratio mH (min) 1:1 3 1:1:1 3 2:1:1 12 1:1 & Shid 3 1 ct: 1 ct 3 1:1 ct & Shid 12	Ratio mH (min) Constant V (uS) 1:1 3 200 1:1:1 3 200 1:1:1 3 200 1:1:1 3 200 1:1:1 3 200 1:1:1 3 200 1:1:1 3 200 1:1:1 3 200 1:1:1 3 200 1:1:1 3 200 1:1:1 3 200 1:1:1 3 200	Ratio mH (min) Constant V (us) uH (max) 1:1 3 200 22 1:1:1 3 200 9 1:1:1 3 200 9 1:1:1 12 400 35 1:1:4 Shid 3 200 32 1:1:4:5 3 200 32 1:1:1:4:5 3 200 32 1:1:1:4:5 3 200 100	Ratio mH (min) Constant V (us) uH (max) pf. (Ref) 1:1 3 200 22 23 1:1:1 3 200 9 28 2:1:1 12 400 35 30 1:1 & Shid 3 200 22 23 1:1.1 12 400 35 30 1:1 & Shid 3 200 22 23 1 ct: 1 ct 3 200 22 23 1 ct: 4 Shid 12 400 100 11	Ratio mH (min) Constant V (uS) uH (max) pf. (Ref) Primary 1:1 3 200 22 23 1.2 1:1:1 3 200 9 28 1.4 2:1:1 12 400 35 30 4 1:1 & Shid 3 200 22 23 1.3 1:1 & Shid 3 200 32 15 1.3 1 ct: 1 ct 3 200 22 23 1.2 1 ct: 1 ct 3 200 32 15 1.3 1 ct: 1 ct 3 200 22 23 1.2 1:1 ct & Shid 12 400 100 11 3.8	Ratio mH (min) Constant V (uS) uH (max) pf. (Ref) Primary Secondary 1 1:1 3 200 22 23 1.2 1 1:1:1 3 200 9 28 1.4 1.3 2:1:1 12 400 35 30 4 1.8 1:1 & Shid 3 200 22 15 1.3 1 1:1 & Shid 3 200 22 23 1.2 1 1:1 & Shid 3 200 32 15 1.3 1 1 ct: 1 ct 3 200 22 23 1.2 1 1 ct: 1 ct 3 200 100 11 3.8 5.3	Ratio mH (min) Constant V (uS) uH (max) pf. (Ref) Primary Secondary 1 Secondary 2 1:1 3 200 22 23 1.2 1 - 1:1:1 3 200 9 28 1.4 1.3 1.7 2:1:1 12 400 35 30 4 1.8 2.4 1:1 & Shid 3 200 22 15 1.3 1 - 1:1 & Shid 3 200 22 23 1.2 1 - 1:1 & Shid 3 200 32 15 1.3 1 - 1 ct: 1 ct 3 200 22 23 1.2 1 - 1 ct: 1 ct 3 200 100 11 3.8 5.3 -	Ratio mH (min) Constant V (us) uH (max) pf. (Ref) Primary Secondary 1 Secondary 2 Fig. # 1:1 3 200 22 23 1.2 1 - A 1:1:1 3 200 9 28 1.4 1.3 1.7 B 2:1:1 12 400 35 30 4 1.8 2.4 B 1:1 & Shid 3 200 22 1.5 1.3 1.7 B 1:1.4 & Shid 3 200 32 15 1.3 1 - C 1:1.4 & Shid 3 200 22 23 1.2 1 - D 1:1.1 & Shid 3 200 22 23 1.2 1 - D 1:1.1 & Shid 12 400 100 11 3.8 5.3 - E

Data subject to change without notice

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