

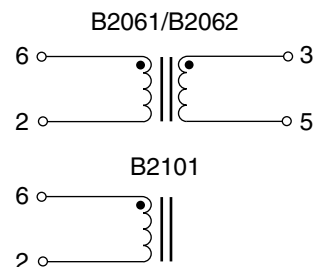


- ### Electrical Specifications @ 25°C — Operating Temperature -40°C to 85°C

Part Number	Alcatel Part No.	Inductance (μH)	Turns Ratio (±2%)	DCR (Ω MAX)	Hi-Pot (Vac)	Application
B2061	1AB 01965 0027	(6-2) 282.5 ±5%	1:1 ±2%	(6-2)=(3-5) 1.00	500	Coupled Inductor - CPE ³
B2062	1AB 01965 0026	(6-2) 238.5 ±5%	1:1 ±2%	(6-2)=(3-5) 0.76	500	Coupled Inductor - CPE
B2090	1AB 01897 0017	(3-7) 7680 MIN	(2-6)/(3-7)=1.65	(1-6)=(2-1) 1.00	500	Hybrid Transformer - CPE
			(3-7)/(4-8)=2.00	(3-7) 1.80		
			(2-1)/(1-6)=1.00	(4-8) 0.75		
B2091	1AB 01897 0018	(3-7) 844 MIN	(2-6)/(3-7)=1.125	(1-6)=(2-1) 0.20	500	Hybrid Transformer - CO ⁴
			(3-7)/(4-8)=2.00	(3-7) 0.19		
			(1-6)/(3-7)=1.125	(4-8) 0.11		
B2098	1AB 02126 0130	(2-12) 441.5 ±5%	(2-12)/(8-6)=1.00	(2-11)=(1-12) 0.58	2000	Transformer - CPE
			(2-11)/(1-12)=1.00	(8-5)=(7-6) 0.50		
			(8-5)/(7-6)=1.00	—		
B2099	1AB 02363 0016 ¹	(1-3) 500.5 ±5%	(4-6)/(1-3)=1.00	(4-6)=(1-3) 2.10	500	Coupled Inductor - CO/CPE
B2100	1AB 02363 0017 ²	(1-3) 91.0 ±10%	(4-6)/(1-3)=1.00	(4-6)=(1-3) 0.85	500	Coupled Inductor - CO
B2101	1AB 06932 0017	(2-6) 96.0 ±5%	—	(2-6) 0.42	500	Inductor - CO
B2102	1AB 02126 0113	(2-12) 409.5 ±5%	(2-12)/(8-6)=2.00	(2-11)=(1-12) 0.32	2000	Transformer - CO
			(2-11)/(1-12)=1.00	(8-5)=(7-6) 0.19		
			(8-5)/(7-6)=1.00	—		

¹ Formerly Alcatel part number 1AB 07111 0008 ² Formerly Alcatel part number 1AB 07111 0007 ³ CPE - Customer Premise Equipment ⁴ CO - Central Office

Schematic



Weight2.5 grams
Tray75/tray

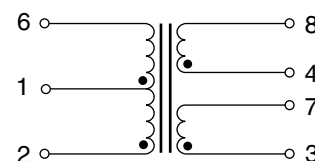
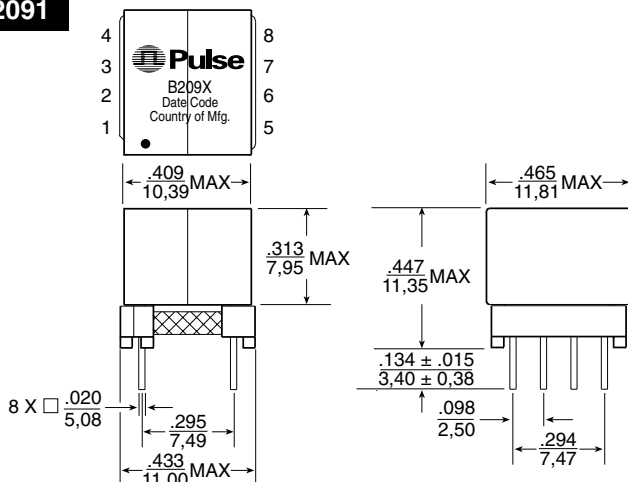
Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$

Mechanicals

Schematics

B2090/B2091



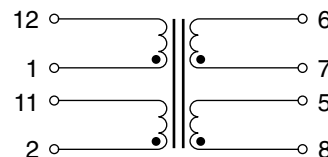
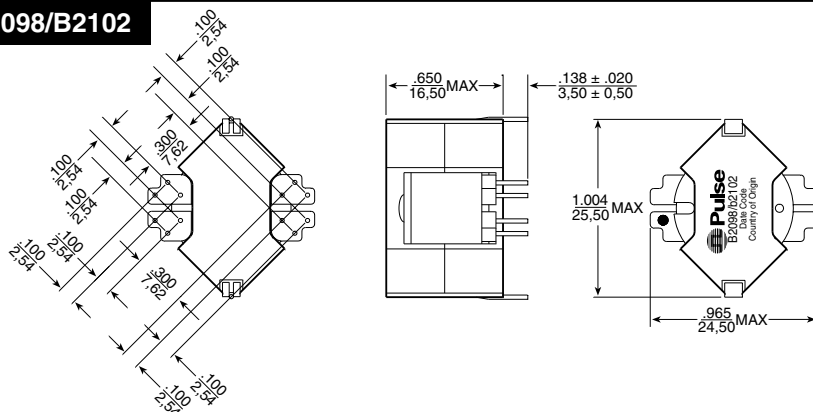
Weight 3.6 grams

Tray75/tray

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

Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$

B2098/B2102



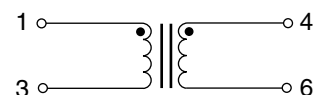
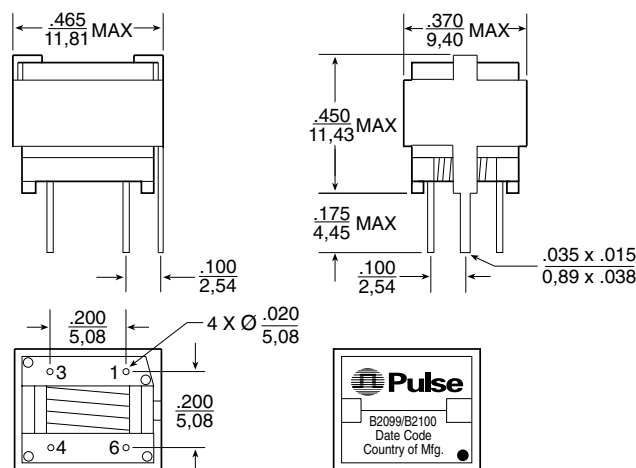
Weight 14.4 grams

Tray56/tray

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

mm
Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$

B2099/B2100



Weight2.3 grams

Tray80/tray

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

mm
Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$

For More Information :

UNITED STATES
(Worldwide)

12220 World Trade Drive
San Diego, CA 92128
Quick-Facts: 858 674 9672
<http://www.pulseeng.com>
TEL: 858 674 8100
FAX: 858 674 8262

UNITED KINGDOM
(Northern Europe)

1 & 2 Huxley Road
The Surrey Research Park
Guildford, Surrey GU2 5RE
United Kingdom
TEL: 44 1483 401700
FAX: 44 1483 401701

FRANCE
(Southern Europe)

Zone Industrielle
F-39270
Orgelet
France
TEL: 33 3 84 35 04 04
FAX: 33 3 84 25 46 41

SINGAPORE
(Southern Asia)

150 Kampong Ampat
#07-01/02
KA Centre
Singapore 368324
TEL: 65 287 8998
FAX: 65 280 0080

TAIWAN, R.O.C.
(Northern Asia)

3F-4, No. 81, Sec. 1
HsinTai Wu Road
Hsi-Chih, Taipei Hsien
Taiwan, R.O.C.
Tel: 886 2 2698 0228
FAX: 886 2 2698 0948

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