

EDCON-COMPONENTS

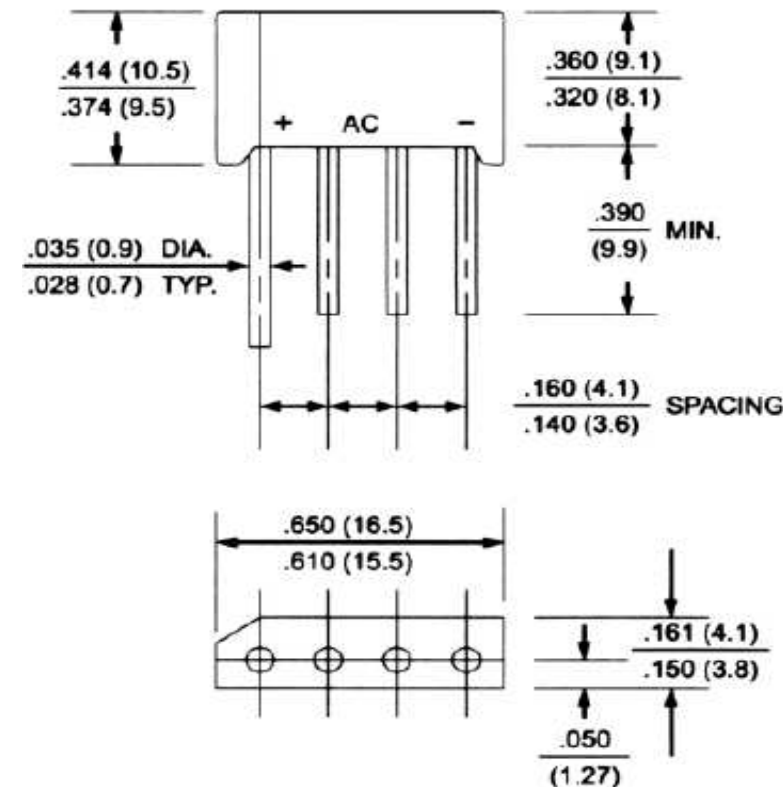


Specifications

Features

- Surge overload rating - 50amperes peak
- Reliable low cost construction utilizing molded plastic technics results inexpensive prod.
- Ideal for printed board
- Plastic material has Underwriters Laboratory Flammability Classification 94V-0
- Lead: Silver plated copper lead

Technical Drawing (Unit: inch(mm))



Maximum Ratings & Electrical Characteristics Ratings at 25°C ambient temperature

	Symbols	RS101	RS102	RS103	RS104	RS105	RS106	RS107	Unit
Maximum reeurrent peak reverse Voltage	VRRM	50	100	200	400	600	800	1000	Volt
Maximum rms Input voltage	VRMS	35	70	140	280	420	560	700	Volt
Maximum dc blocking Voltage	VDC	50	100	200	400	600	800	1000	Volt
Maximum average forward output rectified TA=100°C	I(AV)	1,0							Amps
Peak forward surge current 8,3ms single half sine-wave	IFSM	50							Amps
Maximum forward voltage drop	VF	1,0							Volt
Maximum revese voltage TA=25°C	IR	10							µA
Maximum revese voltage TA=100°C	IR	1000							µA
Operating and storage temperature range	TJ TSTG	-55°C to + 125°C							°C

**Single Inline Bridge Rectifier
1,0A**

EDCON-Ser. **E15034**

International Serie: **RS1xx**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.05.2010
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 5

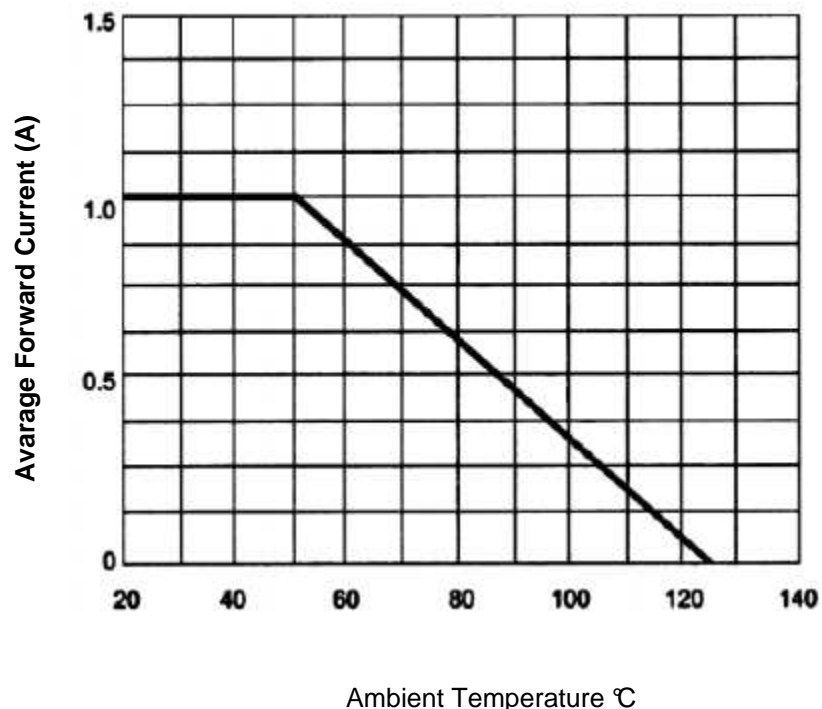
www.edcon-components.com

email: info@edcon-components.com

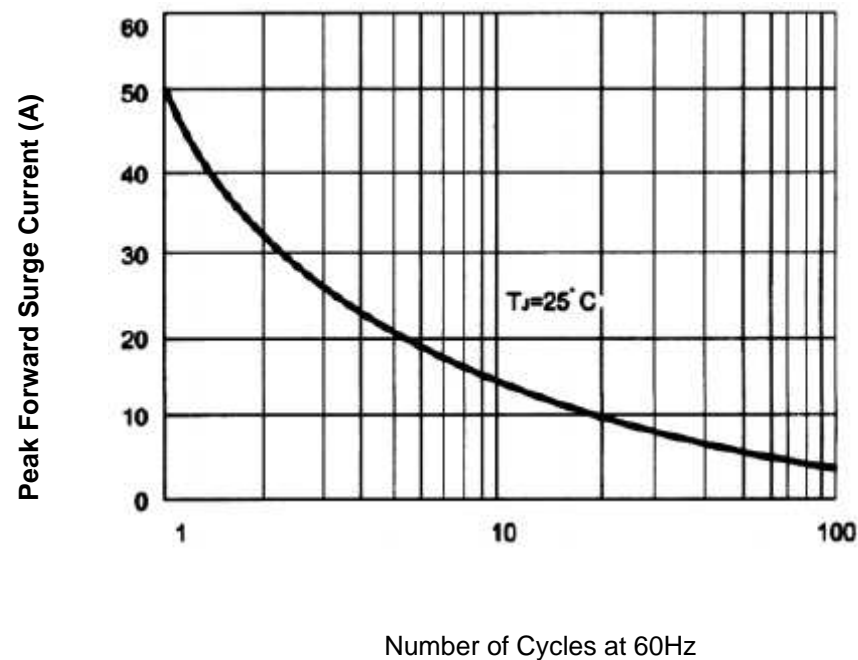


Rating & Characteristics Curves (TA=25°C unless otherwise noted)

Derating Curve for Output Rectified Current



Maximum NON Repetitive Forward Surge Current



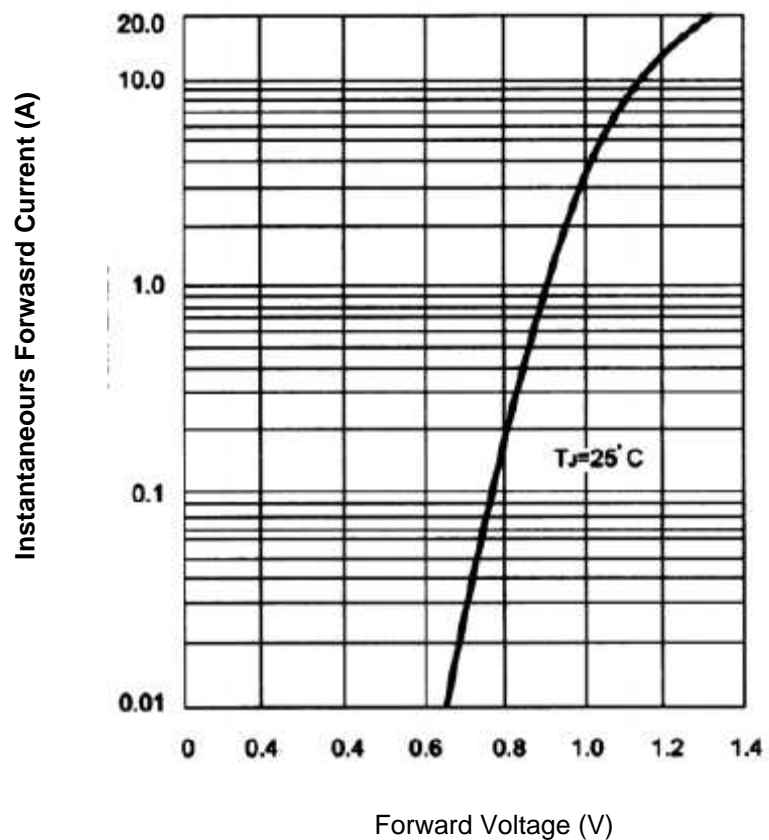
Single Inline Bridge Rectifier 1,0A	
EDCON-Ser.	E15034
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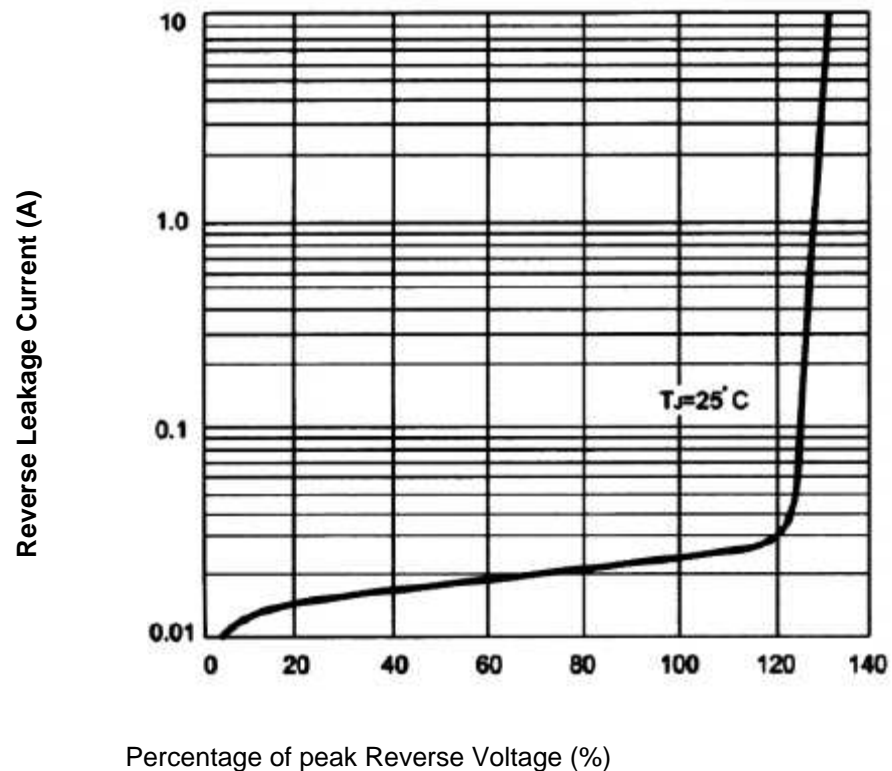


Rating & Characteristics Curves (TA=25°C unless otherwise noted)

Typical Forward Characteristics



Typical Reverse Characteristics



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EDCON-COMPONENTS



Rating & Characteristics Curves (TA=25°C unless otherwise noted)

Ordering Informations

EDCON Serie	International Type	NO function	ROHS	Package					
E15034	RS1xx	LL	R	BX					

Look Voltage Code Table	LL = Long Lead	R = ROHS Conform	BX = Box
	L4 = Lead length 4mm	N = NON ROHS Conform	

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Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



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