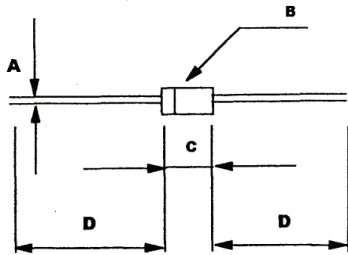


SERIES BA5/1N4000

---

SILICON GENERAL PURPOSE 1.0 AMP DIODES

---



DIM	INCHES		MILLIMETER	
	MIN.	MAX.	MIN.	MAX.
A	0.028	0.034	0.71	0.86
B	0.08	0.107	2.03	2.74
C	0.160	0.205	4.10	5.20
D	1.0		25.4	

$I_o$  \_\_\_\_\_ 1 Amp \_\_\_\_\_ @ \_\_\_\_\_ 50 \_\_\_\_\_ C

$I_s$  \_\_\_\_\_ 30 \_\_\_\_\_ AMPS

$V_f$  \_\_\_\_\_ 1.4 max. \_\_\_\_\_ v @ \_\_\_\_\_ 1.0 amp \_\_\_\_\_ @ \_\_\_\_\_ 25 \_\_\_\_\_ C

$I_r$  \_\_\_\_\_ 10 uA max. \_\_\_\_\_ @ \_\_\_\_\_ PIV \_\_\_\_\_ @ \_\_\_\_\_ 25 \_\_\_\_\_ C

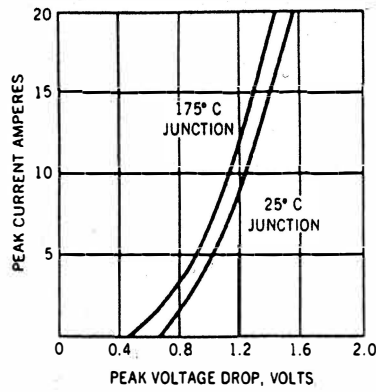
STYLE \_\_\_\_\_ DO - 41 Plastic

PIV (VOLTS)	P/N	P/N
50	BA5A5	1N4001
100	BA5B5	1N4002
200	BA5C5	1N4003
300	BA5D5	
400	BA5E5	1N4004
500	BA5F5	
600	BA5G5	1N4005
700	BA5H5	
800	BA5K5	1N4006
1000	BA5M5	1N4007
1200	BA5N5	
1500	BA5P5	

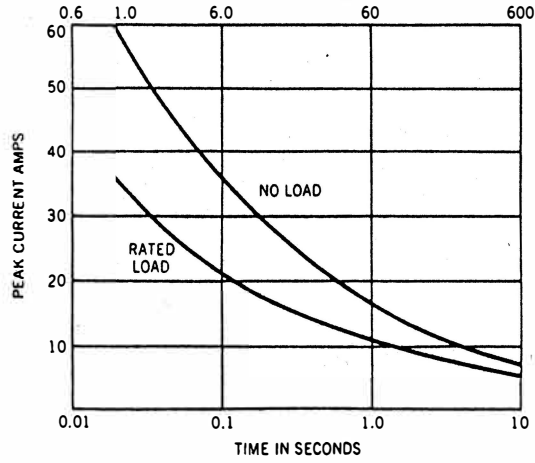
(203) 467-2591 TEL  
 (203) 469-5928 FAX  
 Email: Info@edal.com  
 Internet: http://www.edal.com

**EDAL<sup>®</sup> INDUSTRIES**  
 INC. SINCE 1958  
 51 Commerce St. East Haven, CT 06512

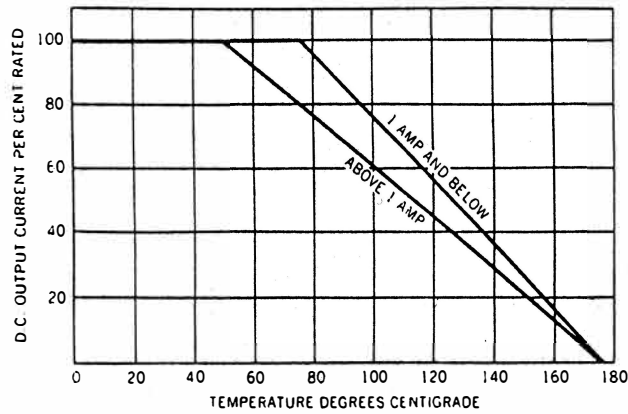
PEAK FORWARD CURRENT VS PEAK FORWARD VOLTAGE DROP



SURGE CURRENT RATING  
TIME IN CYCLES



CURRENT VS. TEMPERATURE



(203) 467-2591 TEL  
 (203) 469-5928 FAX  
 Email: [Info@edal.com](mailto:Info@edal.com)  
 Internet: <http://www.edal.com>

**EDAL<sup>®</sup> INDUSTRIES INC.** SINCE 1958

51 Commerce St. East Haven, CT 06512