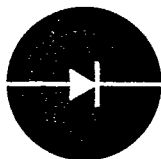


DIE NO. IC5819

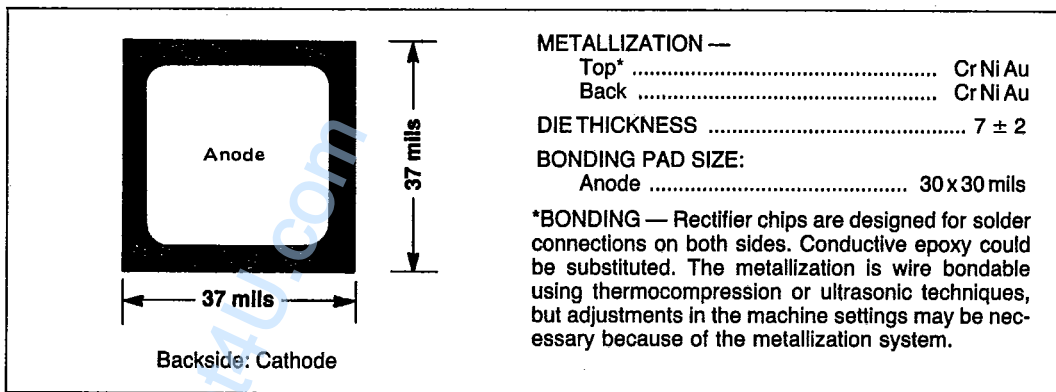
LINE SOURCE — DRL754



This die provides performance equal to or better than that of the following device types:

1N5817
 1N5818
 1N5819

Designed for Schottky
 Barrier low-voltage
 high-frequency rectifier
 applications.



ELECTRICAL CHARACTERISTICS ($T_A = 25^\circ\text{C}$; Note 1)

Parameter	Test Conditions	Min	Max	Unit
V_{RRM}/V_R		40	—	Volts
V_F	$I_F = 1.0$ Amp	—	0.60	Volts
I_R	$V_R = 40$ Volts	—	1.0	mAdc

NOTES: 1. Because of the limitations of probe testing, only dc parameters are tested. These parameters must be measured using pulse techniques: pulse width $\leq 300 \mu\text{s}$, duty cycle $\leq 2\%$.
 2. Detailed device characteristics are available from your Motorola sales representative.