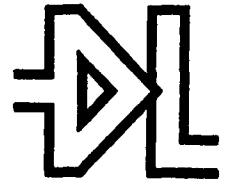


DIODES LIMITED

BR8XD and BYX74 -X SERIES

FAIRACRES ESTATE, DEDWORTH ROAD,
WINDSOR, BERKSHIRE.
Telephone: WINDSOR 69571 Telex: 847255



SEMICONDUCTOR
MANUFACTURERS

1.5 AMPERE SILICON BRIDGE RECTIFIER With "LOCKED-IN" Reliability

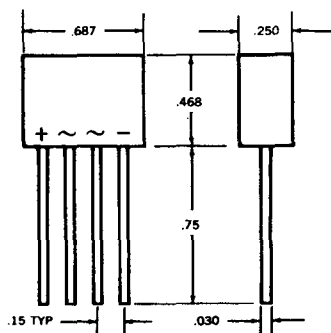
FEATURES

- High Conductance Leads
- Advanced Surface Passivation
- Low-Noise Operation
- Superior Rectification Efficiency
- High Temperature Solder
- Avalanche Characteristics
- "Locked-in Reliability"
- All Welded Construction

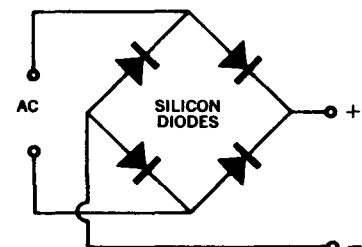
Type No. & Pro. Electron No.	BR81D BYX74-100	BR82D BYX74-200	BR84D BYX74-400	BR86D BYX74-600	BR88D BYX74-800
Max. Peak Inverse Volts	100	200	400	600	800
Max. RMS Supply Volts	70	140	280	420	560
Maximum Forward Voltage @ 1.5 Ampere, DC	1.1 Volts, Peak				
Maximum Reverse DC Current @ PIV @	10 uA				

Average Rectified Forward Current @ 40°C	1.5 Ampere
Average Rectified Forward Current @ 75°C	1.3 Ampere
Recurrent Peak Current @ 75°C	12 Amperes
One Cycle Surge @ 75°C	40 Amperes, Peak
Storage Temperature Range	-65 to + 150°C
Operating Temperature Range	-65 to + 150°C

All temperatures are ambient



CUP MATERIAL: GREEN DIALLYL-PHALATE
APPROVED PER MIL-M-19833 GDI-30°F"



SERIES BR-8XD PRINTED CIRCUIT BRIDGE RECTIFIERS