



AMERICAN MICROSEMICONDUCTOR INC.

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FEATURES

- 16 Diode Array
- Standard 14 pin Dual-In-Line Package

MECHANICAL

- Molded 14 Pin Dip
- Weight: 0.997 grams (approximate)
- Marking: Device number

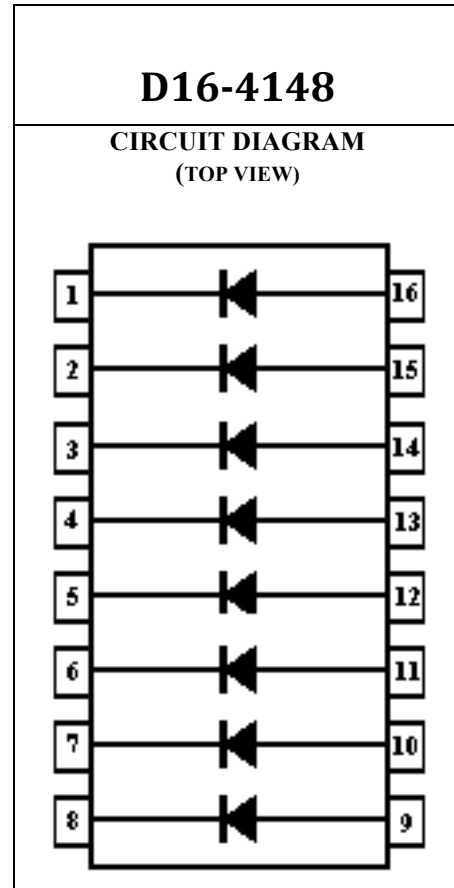
MAXIMUM RATINGS

- Operating Temperatures: -55°C to +150°C
- Storage Temperature: -55°C to +150°C
- Forward Surge Current: 2.0 Amps (8.3 mS)
- Continuous forward current I_F : 400mA
- Power dissipation (P_D): 500mW
- Derating factor: 4.0mW/°C

PACKAGING

- Carrier tube 25 pcs per (STANDARD)

ELECTRICAL CHARACTERISTICS @ 25°C Unless otherwise specified



Part Number	$V_{(BR)}$ @10 μ A	I_R +25°C		CAP @0V	trr	V_F @ I_F = 10mA	V_F @ I_F = 100mA
	V	μ A	@ V_R	pF	(nS)	V	V
D16-4148	MIN	MAX		MAX	MAX	MAX	MAX
		100	20 50	50 100	4.0	5.0	1.0

outline Dimensions				
DiM	Milli Meters		inches	
	Min	MAX	Min	MAX
A	18.80	19.55	0.740	0.770
B	6.35	6.85	0.250	0.270
C	7.50	7.74	0.295	0.305
D	0.21	0.38	0.008	0.015
E	0°	10°	0°	10°
F	0.51	1.01	0.020	0.040
G	3.69	4.44	0.145	0.175
H	2.80	3.30	0.110	0.130
I	1.02	1.77	0.040	0.070
J	0.76	1.52	0.030	0.060
K	0.39	0.53	0.015	0.021
L	2.54	2.54	0.100	0.100

notes

- Dimensions are exclusive of mold flash and metal burrs.
- Dimension "L" is between centers.

