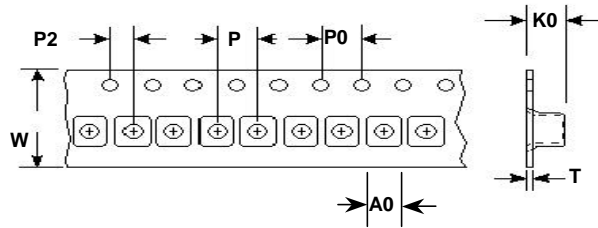


Series Number	Reel dimensions				Reel Qty	Packaging Specification	
	Units	A	B	C			D
DQ6530	in.	14.17"	3.94"	0.88"	0.098"	1500	90-0043
	[mm]	[360]	[100.0]	[22.4]	[2.50]		
DQ6545	in.	14.17"	3.94"	0.88"	0.098"	1000	90-0044
	[mm]	[360]	[100.0]	[22.4]	[2.50]		
DQ7534	in.	14.17"	3.94"	0.88"	0.098"	1500	90-0045
	[mm]	[360]	[100.0]	[22.4]	[2.50]		
DQ7545	in.	14.17"	3.94"	0.88"	0.098"	1000	90-0046
	[mm]	[360]	[100.0]	[22.4]	[2.50]		
DQ1260	in.	12.99"	3.94"	1.16"	0.098"	650	90-0053
	[mm]	[330]	[100.0]	[29.5]	[2.50]		
DQ1280	in.	12.99"	3.94"	1.16"	0.098"	400	90-0054
	[mm]	[330]	[100.0]	[29.5]	[2.50]		

PACKAGING NOTE: Only pressure sensitive cover tape is to be used.



Series	W ±0.3	P ±0.1	P0 ±0.1	P2 ±0.1	K0 ±0.05	T ±0.05	A0 ±0.1
DQ6530	16.0	12.0	4.00	2.00	3.40	0.35	6.6
DQ6545	16.0	12.0	4.00	2.00	5.15	0.35	7.3
DQ7534	16.0	12.0	4.00	2.00	3.60	0.35	7.7
DQ7545	16.0	12.0	4.00	2.00	4.60	0.35	7.8
DQ1260	24.0	16.0	4.00	2.00	6.30	0.35	12.6
DQ1280	24.0	16.0	4.00	2.00	8.25	0.35	12.6

Customer Packaging Specifications
For Print Distribution to Customers

Series	Revision
DQ SERIES	E

Item	Specification	Test Method/Condition
Environmental		
Static Humidity	After exposure part remains within specified electrical parameters for L, Q and DCR.	Precondition at 25°C for 60 minutes. Expose parts to an environment of +40°C with 90 to 95% R.H. for 240 hours.
Storage Life	After exposure part remains within specified electrical parameters for L, Q and DCR.	Subject parts to an environment of 85°C 85% R.H. for 168 hours. After exposure allow parts to dry for 4 hours before measurements are taken.
Temperature Cycle	After exposure part remains within specified electrical parameters for L, Q and DCR.	10 cycles (Air to Air) 1 cycle shall consist of: 30 minutes exposure to +85°C 30 minutes exposure to -40°C Allow 20 minutes transition between extremes.
Temperature Shock	After exposure part remains within specified electrical parameters for L, Q and DCR.	10 cycles (Air to Air) 1 cycle shall consist of: 30 minutes exposure to -55°C 30 minutes exposure to +125°C 15 seconds maximum transition between temperatures
IR Reflow	5-8 seconds at 240°C max.	Ramped reflow in oven to 240°C +4%-0%. Post test parts shall pass all electrical specifications after reflow. Parts shall not show visible signs of solder flow or leakage from the part.
General		
Storage Temperature Range	-40°C to +85°C	
Operating Temperature Range	-40°C to +85°C	
Flammability	IEC 695-2-2	Withstands needle-flame test
Other		
Vibration	After exposure part remains within specified electrical parameters for L, Q and DCR.	1 cycle of 30 minutes of the following: 5 - 7 Hz constant displacement of 0.75 inches, 5 minutes 7 - 30 Hz constant acceleration of 1.5 Gs, 10 minutes 31 - 50 Hz constant displacement of 0.33 inches, 5 minutes 50 - 500 Hz constant acceleration of 1.2 Gs, 10 minutes
Mechanical Shock	After exposure part remains within specified electrical parameters for L, Q and DCR.	DQ6530 Series - 500 Gs per axis, 2 directions DQ6545 Series - 500 Gs per axis, 2 directions DQ7534 Series - 500 Gs per axis, 2 directions DQ7545 Series - 500 Gs per axis, 2 directions DQ1260 Series - 500 Gs per axis, 2 directions DQ1280 Series - 500 Gs per axis, 2 directions
Solderability		Dip pads in RMA flux, 63/37 solder (Sn/Pb) at 232°C for 5 seconds ±2 seconds.
Component Adhesion (Push Test)	Component shall withstand 6 lb. push force minimum without delaminating from mounting surface.	Apply and measure force with a digital force gauge set.
Resistance to Solvent		Withstands 6 minutes of alcohol. Withstands 3 minutes forced spray Freon TMS
Chemical		
Ionic Contamination	Conductivity: pH: Chlorides: Sodium: Potassium:	11 µOhms/cm maximum 5.5 to 9 65 ppm maximum 20 ppm maximum 10 ppm maximum

For Print Distribution to Customers

Series

Revision

DQ SERIES

E

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