

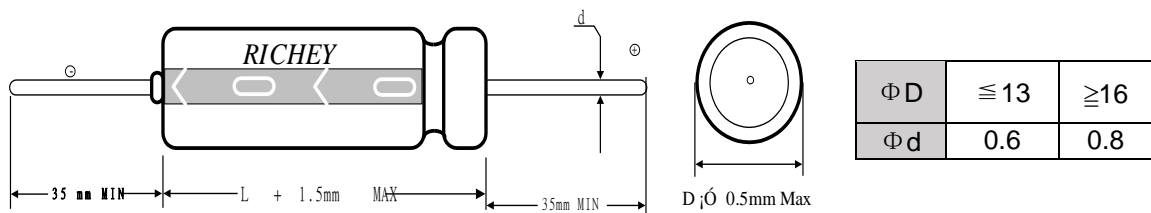


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## DATA SHEET – Richey RNA Series

■ Richey P/N:	RNA35RM150V1341B - <b>RoHS Compliant</b>
■ Description:	RNA / Non-Polar Axial Type: +85c 2k Hrs 35uF/150Vdc ±20% Φ13 x 41mm

**MECHANICAL:** ø13 x 41mm



### ■ Electrical Specifications:

1.	Operating Temperature Range	-40 <sup>o</sup> ~ +85 <sup>o</sup>	C	
2.	Load Life	2,000	Hours	@ +85 <sup>o</sup> C W/Rated Voltage Applied
3.	Rating Voltage	150	VDC	
4.	Capacitance	35	μF	
5.	Capacitance Tolerance	±20	%	@ 120Hz / +20 <sup>o</sup> C
6.	Dissipation Factor	0.10	Tan δ	@ 120Hz / +20 <sup>o</sup> C
7.	Leakage Current	157.5	Max	@ +20 <sup>o</sup> C / <b>150VDC</b> After 5 min
8.	ESR (Ω)	4.466	Ω	@ 120Hz / +85 <sup>o</sup> C
9.	Permissible Ripple Current	279	mA rms	@ 120Hz / +85 <sup>o</sup> C

10.	LOAD LIFE TEST (V.dc+I <sub>rms</sub> /+85 <sup>o</sup> C) Capacitance change Dissipation Factor (tanδ) Leakage Current	2000 Hrs – Rated Voltage Applied ≤ ±20% of initial measured value ≤ 150% of initial specified value ≤ Initial specified value
11.	SHELF LIFE TEST (+85 <sup>o</sup> C) Capacitance change Dissipation Factor (tanδ) Leakage Current	1000 Hrs – No Voltage Applied ≤ ±20% of initial measured value ≤ 150% of initial specified value ≤ 200% Initial specified value

<b>APPROVED BY</b>	<b>DRAWN BY</b>	<b>REVISION</b>	<b>DATE</b>
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