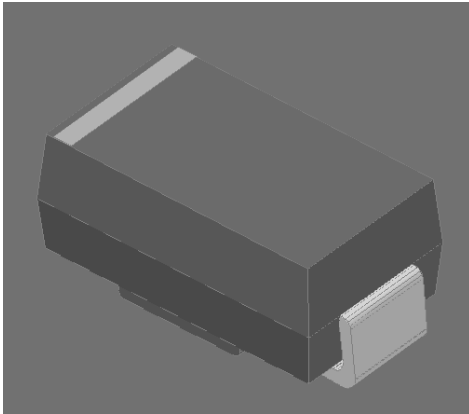




SMA4735AQ THRU SMA4764AQ

RoHS
COMPLIANT



Features

- Low profile package
- Ideal for automated placement
- Glass passivated chip junction
- High forward surge capability
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C
- Part no. with suffix "Q" means AEC-Q101 qualified

Mechanical Data

- **Package:** DO-214AC (SMA)
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free
- **Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Polarity:** Cathode line denotes the cathode end

■Maximum Ratings (T_a=25 Unless otherwise specified

PARAMETER	SYMBOL	UNIT	MAX
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DC power dissipation at T_L = 75 °C

P_D

W

1

	stg		-55 to +150
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■Thermal Characteristics T_a=25 Unless otherwise specified

PARAMETER	SYMBOL	UNIT	Conditions	VALUE
Thermal resistance(Typical)	R _{θJ-L} ⁽¹⁾	/W	junction to lead	30
	R _{θJ-A} ⁽¹⁾	/W	junction to ambient	120

Note

(1) Thermal resistance from junction to ambient and from junction to lead mounted on P.C.B. with 0.4" x 0.4" (10 mm x 10 mm) copper pad areas



SMA4735AQ TURE SMA4764AQ

■Electrical Characteristics $T_a=25$ Unless otherwise specified

Part Number



■ Characteristics (Typical)

M 1



SMA4735AQ TURE SMA4764AQ

■ Ordering Information (Example)

PREFERED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
SMA4735AQ ~ SMA4764AQ	F2	Approximate 0.067	7500	120000	13" reel

■ Marking Information



SMA4735AQ TURE SMA4764AQ

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