

EEE-HA1E221P



Part Number: [EEE-HA1E221P](#)

Manufacturer: [Panasonic](#)

Description: CAP ALUM 220UF 20% 25V SMD

Data sheet:  [EEE-HA Series, Type V](#)
 [Aluminum Elect Caps, Part Number System](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	EEE-HA1E221P	Manufacturer	Panasonic
Description	CAP ALUM 220UF 20% 25V SMD	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	338888 pcs	Data sheet	EEE-HA Series, Type V Aluminum Elect Caps, Part Number System
Category	Capacitors	Voltage - Rated	25V
Tolerance	±20%	Surface Mount Land Size	0.406" L x 0.406" W (10.30mm x 10.30mm)
Size / Dimension	0.394" Dia (10.00mm)	Series	HA
Ripple Current @ Low Frequency	190mA @ 120Hz	Ripple Current @ High Frequency	323mA @ 10kHz
Ratings	AEC-Q200	Polarization	Polar
Packaging	Tape & Reel (TR)	Package / Case	Radial, Can - SMD
Other Names	EEEHA1E221P PCE4199TR	Operating Temperature	-40°C ~ 105°C
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	19 Weeks	Lifetime @ Temp.	1000 Hrs @ 105°C
Lead Spacing	-	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Height - Seated (Max)	0.402" (10.20mm)	ESR (Equivalent Series Resistance)	-
Detailed Description	220µF 25V Aluminum Electrolytic Capacitors Radial, Can - SMD 1000 Hrs @ 105°C	Capacitance	220µF
Applications	Automotive		
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	Part#: EEE-HA1E221AP Description: CAP ALUM 220UF 20% 25V SMD	Manufacturers: Panasonic	RFQ
	Part#: EEE-HA1E470WP Description: CAP ALUM 47UF 20% 25V SMD	Manufacturers: Panasonic	RFQ
	Part#: EEE-HA1E330P Description: CAP ALUM 33UF 20% 25V SMD	Manufacturers: Panasonic	RFQ
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	Part#: EEE-HA1E221UP Description: CAP ALUM 220UF 20% 25V SMD	Manufacturers: Panasonic	RFQ
	Part#: EEE-HA1E470P Description: CAP ALUM 47UF 20% 25V SMD	Manufacturers: Panasonic	RFQ
	Part#: EEE-HA1E220WR Description: CAP ALUM 22UF 20% 25V SMD	Manufacturers: Panasonic	RFQ

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