

**EEE-HD1C221AP**



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## Panasonic

**Part Number:** [EEE-HD1C221AP](#)

**Manufacturer:** [Panasonic](#)

**Description** CAP ALUM 220UF 20% 16V SMD

**Data sheet:** [PDF Aluminum Elect Caps Prod Catalog](#)  
[PDF Aluminum Elect Caps, Part Number System](#)  
[PDF EEE-HDzzzA\(P,R\) Datasheet](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            |                                  |                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | EEE-HD1C221AP              | Manufacturer                     | <a href="#">Panasonic</a>                                                                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | CAP ALUM 220UF 20% 16V SMD | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 238614 pcs                 | Data sheet                       | <a href="#">Aluminum Elect Caps Prod Catalog</a><br><a href="#">Aluminum Elect Caps, Part Number System</a><br><a href="#">EEE-HDzzzA(P,R) Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Capacitors</a> | Voltage - Rated                  | 16V                                                                                                                                                      |
| 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                           | HD-V                                                                                                                                                     |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                                            | 220mA @ 120Hz              | Ripple Current @ High Frequency  | 374mA @ 10kHz                                                                                                                                            |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AEC-Q200                   | Polarization                     | Polar                                                                                                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)           | Package / Case                   | Radial, Can - SMD                                                                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                               | EEEH1C221AP<br>PCE4953TR   | Operating Temperature            | -40°C ~ 105°C                                                                                                                                            |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | Surface Mount              | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                           | 19 Weeks                   | Lifetime @ Temp.                 | 5000 Hrs @ 105°C                                                                                                                                         |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                               |
| Impedance                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 800 mOhms                  | Height - Seated (Max)            | 0.402" (10.20mm)                                                                                                                                         |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                                        | -                          | Detailed Description             | 220µF 16V Aluminum Electrolytic Capacitors Radial, Can - SMD 5000 Hrs @ 105°C                                                                            |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                               | 220µF                      | Applications                     | Automotive, High Temperature Reflow                                                                                                                      |
| <p>Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Panasonic series electronic components. We have 238614 pieces of Panasonic EEE-HD1C221AP in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.</p> <p>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a></p> |                            |                                  |                                                                                                                                                          |

| RELATED PRODUCTS                                                                   |                                               |                                          |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|---------------------|
|  | Part#: <a href="#">EEE-HD1E222AM</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: FIXED ALUMINUM ELECTROLYTIC CAPA |                                          |                     |
|  | Part#: <a href="#">EEE-HD1E102AQ</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: FIXED ALUMINUM ELECTROLYTIC CAPA |                                          |                     |
|  | Part#: <a href="#">EEE-HD1C332AM</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: FIXED ALUMINUM ELECTROLYTIC CAPA |                                          |                     |
|  | Part#: <a href="#">EEE-HD1E220AP</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CAP ALUM 22UF 20% 25V SMD        |                                          |                     |
|  | Part#: <a href="#">EEE-HD1A682AM</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: FIXED ALUMINUM ELECTROLYTIC CAPA |                                          |                     |
|  | Part#: <a href="#">EEE-HD1E330AP</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CAP ALUM 33UF 20% 25V SMD        |                                          |                     |
|  | Part#: <a href="#">EEE-HD1C152AQ</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: FIXED ALUMINUM ELECTROLYTIC CAPA |                                          |                     |
|  | Part#: <a href="#">EEE-HD1E101AP</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CAP ALUM 100UF 20% 25V SMD       |                                          |                     |
|  | Part#: <a href="#">EEE-HD1C220AR</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CAP ALUM 22UF 20% 16V SMD        |                                          |                     |
|  | Part#: <a href="#">EEE-HD1A472AM</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: FIXED ALUMINUM ELECTROLYTIC CAPA |                                          |                     |
|  | Part#: <a href="#">EEE-HD1A331AP</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CAP ALUM 330UF 20% 10V SMD       |                                          |                     |
|  | Part#: <a href="#">EEE-HD1E100AR</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CAP ALUM 10UF 20% 25V SMD        |                                          |                     |
|  | Part#: <a href="#">EEE-HD1A221AP</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CAP ALUM 220UF 20% 10V SMD       |                                          |                     |
|  | Part#: <a href="#">EEE-HD1C470AP</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CAP ALUM 47UF 20% 16V SMD        |                                          |                     |
|  | Part#: <a href="#">EEE-HD1C471AP</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CAP ALUM 470UF 20% 16V SMD       |                                          |                     |
|  | Part#: <a href="#">EEE-HD1A222AQ</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: FIXED ALUMINUM ELECTROLYTIC CAPA |                                          |                     |
|  | Part#: <a href="#">EEE-HD1C472AM</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: FIXED ALUMINUM ELECTROLYTIC CAPA |                                          |                     |
|  | Part#: <a href="#">EEE-HD1C100AR</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CAP ALUM 10UF 20% 16V SMD        |                                          |                     |
|  | Part#: <a href="#">EEE-HD1C101AP</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CAP ALUM 100UF 20% 16V SMD       |                                          |                     |
|  | Part#: <a href="#">EEE-HD1A101AP</a>          | Manufacturers: <a href="#">Panasonic</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CAP ALUM 100UF 20% 10V SMD       |                                          |                     |

Related keywords for **EEE-HD1C221AP**

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| Panasonic EEE-HD1C221AP                                          | EEE-HD1C221AP distributor                   | EEE-HD1C221AP supplier                               | EEE-HD1C221AP price                           |
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