



Sample Kit

SMD

Current Sense Transformers

EP11 CST HV Series – B78419A*003



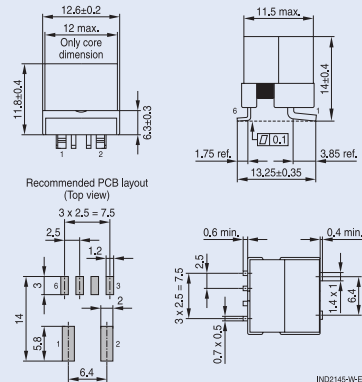
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SMD Current Sense Transformers – EP11 CST HV Series

| Turns ratio | np : ns | 1 : 50 | 1 : 70 | 1 : 100 | 1 : 125 | 1 : 180 |
|--------------------------|-----------------------|-----------|-----------|-----------|-----------|-----------|
| L_{\min} | mH | 1.2 | 2.8 | 6.5 | 7.5 | 18.0 |
| DC resistance R_{\max} | primary mΩ | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| DC resistance R_{\max} | secondary mΩ | 1500 | 2100 | 3100 | 4100 | 7400 |
| Voltage-time product | $V \cdot \mu\text{s}$ | 117 | 164 | 235 | 294 | 423 |
| Recomm. R_T | Ohm | 1.6 | 2.3 | 3.3 | 4.1 | 6.0 |
| Ordering code | B78419* | A2452A003 | A2453A003 | A2454A003 | A2455A003 | A2456A003 |

Technical data

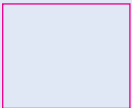
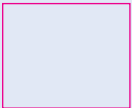
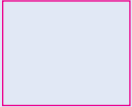
- High working voltage 1000 V DC
- Very low DC resistance 0.5 mΩ
- Sense current up to 30 A
- Insulation distances acc. IEC 60664-1 and IEC 61558-1/2-16
- Plastic material UL94V-0, CTI ≥ 600 (class 1)
- Wide temperature range up to 150 °C
- Blister tape 380 mm diameter
- Packing unit 200 pcs per reel



Important information: It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our *Important notes* and the product-specific *Cautions and warnings* must be observed. All relevant information is available through our sales offices.

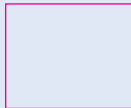
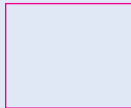
1 : 50

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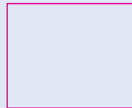
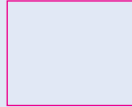
1 : 70

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1 : 100

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1 : 125

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1 : 180

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