Specifications

Eaton E3X160082ZA1

Eaton Crystal Resonator 3225 16MHz 08pf 20ppm -40°C~125°C±50ppm

General specifications	
PRODUCT NAME	Eaton E3XA surface mount crystal resonator MHz
CATALOG NUMBER	E3X160082ZA1
UPC	197162043577
PRODUCT LENGTH/DEPTH	3.2 mm
PRODUCT HEIGHT	0.7 mm
PRODUCT WIDTH	2.5 mm
PRODUCT WEIGHT	0.02 g
COMPLIANCES	RoHS Compliant
PRODUCT TYPE	Surface mount crystal resonator MHz

Product specifications

NOMINAL FREQUENCY	16 MHz
LOAD CAPACITANCE	8 pF
FREQUENCY TOLERANCE	± 20 ppm
FREQUENCY STABILITY	± 50 ppm
OPERATING TEMPERATURE	-40 °C to +125 °C
EQUIVALENT SERIES RESISTANCE(ESR)	120 Ω
GRADE	Automotive
DRIVE LEVEL	10 µ W typical / 200 µ W maximum
SIZE	1210 (3225 metric) SMT

Resources

BROCHURES	Utilizing Eaton's quartz crystal resonators in solar inverters Enhancing SSD performance with advanced quartz crystal resonators from Eaton Utilizing Eaton's quartz crystal resonators in automotive tire pressure monitoring systems https://www.eaton.com/content/dam/eaton/products/electronic-components/resources/product-aid/eaton-t
SPECIFICATIONS AND DATASHEETS	E3XA data sheet: 1210 (3225 metric) 12 MHz to 48 MHz automotive surface mount crystal resonator

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2025 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.