

**SMT Circuit Protector 968-833 to 948**  
**Surface Mount Over Current Protection**

**3216CP**



**CATALOG SYMBOL:** 3216CP

**VOLTAGE RATING:** 24 VDC

**INTERRUPTING RATING:**

35 Amp DC, Battery Source

**INTERRUPTION TIME:**

10 Sec. Max. @ 250% Rated Current  
 1 mSec. Typ. @ 600% Rated Current

**PHYSICAL SIZE:**

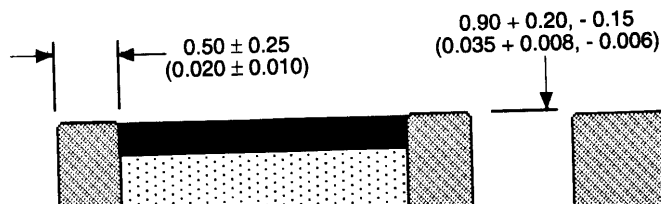
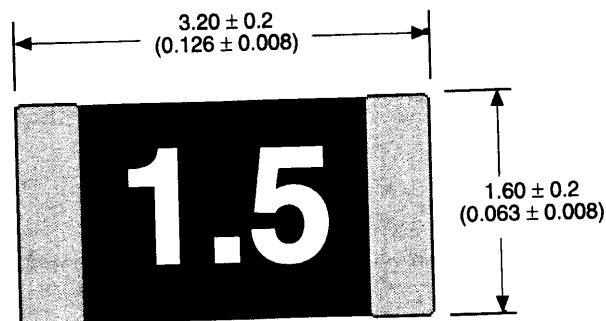
EIA SOCM-3216AC (equivalent to 1206)  
 3.2 x 1.6 x 0.90 mm  
 0.126 x 0.0634 x 0.035"

**AGENCY APPROVALS:**

UL Recognition  
 (File E19180, Guide JDYX2)  
 CSA Component Acceptance  
 (File 53787, Class 1422-30)

\* Rapid Interruption of Excessive Current

**DIMENSIONS - mm (inches)**



# SMT Circuit Protector

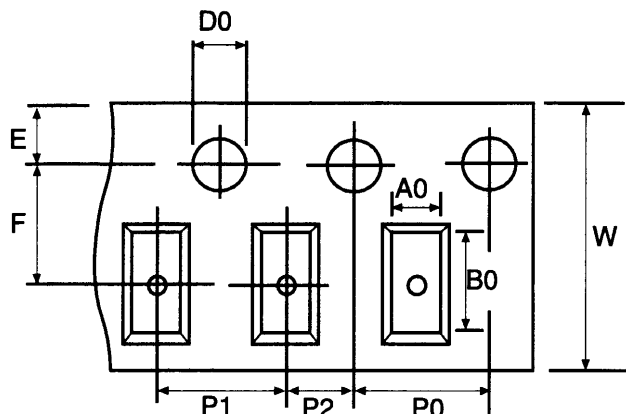
## Surface Mount Over Current Protection

# 3216CP



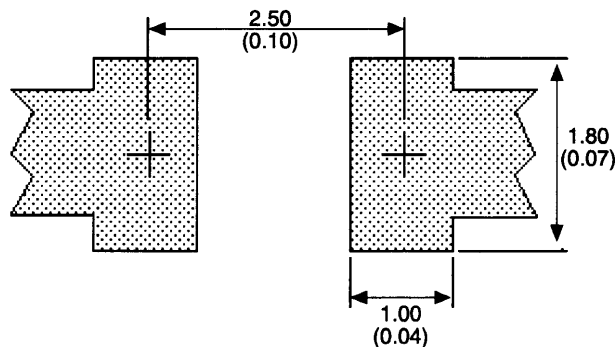
### Packaging Information

Tape and reel: standard 8mm tape, in compliance with EIA - RS481 (equivalent to IEC 286, Part 3).  
 Code: TR = 3,000 pcs in tape on a 178mm reel.  
 TR1 = 15,000 pcs in tape on a 330mm reel.  
 SP = 50 pcs on tape in a plastic box.



Tape dimensions - mm	
W	8.0 + 0.3/0.1
F	3.5 ± 0.05
E	1.75 ± 0.1
P2	2.0 ± 0.05
P0	4.0 ± 0.1
P1	4.0 ± 0.1
A0	1.73 ± 0.2
B0	3.56 ± 0.2
DO	1.5 + 0.1/ -0.0

### RECOMMENDED LAND PATTERN - mm (inches)



### Environmental Specifications

#### Operating Temperature Range:

-55 to +125° C, with proper derating.

#### Thermal Shock:

MIL-STD-202, Method 107, Test Condition B (-65 to 125° C).

#### Vibration:

MIL-STD-202, Method 204, Test Condition C (55 to 2000Hz, 10 G).

#### Solderability:

Withstands 60 seconds above 200° C, 260° C maximum.

#### Moisture Resistance:

MIL-STD-202, Method 106, 10 day cycle.

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