

# **PRODUCT SPECIFICATION**



LANGUAGE

English

#### 1. SCOPE

This specification covers the VibraKrimp Open Barrel Rings and Star Ring terminals. These terminals consist of a ring connector with an open wire support crimp. They are made to be crimped to a wire and permanently attached with a number 6, 8, or 10 screw to consumer and industrial electronics.

### 2. PRODUCT DESCRIPTION

#### 2.1 Product name and series number

VibraKrimp Metal Strip Open Barrel Star Rings, Series Number 19084 VibraKrimp Metal Strip Open Barrel Rings, Series Number 19085

## 2.2 Markings

All Terminals will be marked "MX".

#### 2.3 Materials

Base Material: C2600 Brass .023 thick and CR1010 Steel .023 thick

Plating: Electrodeposited tin

#### 2.4 Dimensions

As per Sales and Engineering drawings and to be use with:

Stud size: #6 = .146

#8 = .173#10 = .198

Wire size: 18, 16, and 14 AWG, Stranded and Solid, Single wire

(1) 18 with (1) 22 AWG, Stranded and Solid, Double wire

(2) 20 AWG, Stranded and Solid, Double wire

(1) 22 with (1) 20 AWG, Stranded and Solid, Double wire

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## 2.5 Safety Agency and Approvals

UL, 486A Wire Connectors and Soldering Lugs For Use With Copper Conductors,

File Number E32244

CSA, C22.2 No. 65-93 Certification Wire Connectors, Wiring Products

File Number LR18689

#### 3. RATINGS

3.1 Voltage 2000 Volts

3.2 Temperature

149 C

### 4. REQUIREMENTS

## 4.1 Design and Construction

Product design and constructed as per Molex Engineering Product Drawing and Engineering Standards Series ES-40000, ES-88, and ES-124.

4.2 Quality Assurance as per Molex QPol4 Series and ISO-9001.

4.3 Mechanical as per UL 486A Crimp Pull Out test Secureness

4.4 Electrical as per UL 486A Static-Heating

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