

## FEATURES and BENEFITS

- Sizes 2 to 24 circuits
- Holds wires for secure, reliable contact
- Molded to length
- Small footprint
- High flammability rating

## REFERENCE INFORMATION

**UL:** File No. E48521  
Guide No. XCFR2

**CSA:** File No. 025562

## ELECTRICAL

**Voltage:** 300V  
**Max. Current:** 20 Amp  
**Insulation Resistance:** >5000 Megaohms

## MECHANICAL

**Max. Tightening Torque:** 8 in lbs, .90 Nm  
**Operating Temperature:** 110°C  
**Wire Strip Length:** .250" or 6 mm

## PHYSICAL

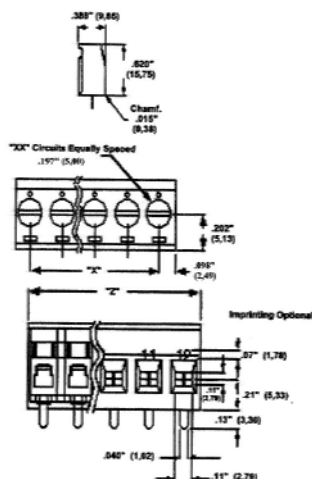
**Insulator:** Polyamide, UL94 V0, Black  
**Screws:** 3mm Steel  
**Screw Plating:** Zinc chromate  
**Contacts:** Phosphor bronze  
**Contact Plating:** Tin  
**Pressure Clamp:** Brass  
**Pressure Clamp Plating:** Nickel  
**Wire Range:** 12 to 26 AWG, 2.5 to 0.2 mm<sup>2</sup>



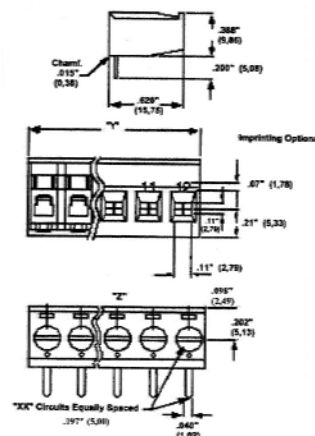
## BEAU Terminal Blocks 39890, 39894 5.00 mm (.197") Pitch Single Piece Fixed



### 3989X-01XX



### 3989X-02XX



| Part       | X    |      | Z    |      |
|------------|------|------|------|------|
|            | IN   | MM   | IN   | MM   |
| 2 Contact  | .20  | 5,0  | .39  | 10,0 |
| 3 Contact  | .39  | 10,0 | .59  | 15,0 |
| 4 Contact  | .59  | 15,0 | .79  | 20,0 |
| 5 Contact  | .79  | 20,0 | .99  | 25,0 |
| 6 Contact  | .98  | 25,0 | 1.18 | 30,0 |
| 7 Contact  | 1.18 | 30,0 | 1.38 | 35,0 |
| 8 Contact  | 1.38 | 35,0 | 1.58 | 40,0 |
| 9 Contact  | 1.58 | 40,0 | 1.77 | 45,0 |
| 10 Contact | 1.77 | 45,0 | 1.97 | 50,0 |
| 11 Contact | 1.97 | 50,0 | 2.17 | 55,0 |
| 12 Contact | 2.17 | 55,0 | 2.36 | 60,0 |
| 13 Contact | 2.36 | 60,0 | 2.56 | 65,0 |

| Part       | X    |       | Z    |       |
|------------|------|-------|------|-------|
|            | IN   | MM    | IN   | MM    |
| 14 Contact | 2.56 | 65,0  | 2.76 | 70,0  |
| 15 Contact | 2.76 | 70,0  | 2.95 | 75,0  |
| 16 Contact | 2.95 | 75,0  | 3.15 | 80,0  |
| 17 Contact | 3.15 | 80,0  | 3.35 | 85,0  |
| 18 Contact | 3.35 | 85,0  | 3.55 | 90,0  |
| 19 Contact | 3.55 | 90,0  | 3.74 | 95,0  |
| 20 Contact | 3.74 | 95,0  | 3.94 | 100,0 |
| 21 Contact | 3.94 | 100,0 | 4.14 | 105,0 |
| 22 Contact | 4.14 | 105,0 | 4.33 | 110,0 |
| 23 Contact | 4.33 | 110,0 | 4.53 | 115,0 |
| 24 Contact | 4.53 | 115,0 | 4.73 | 120,0 |

**ORDER NUMBER:** Replace XX with number of circuits (02-24)

| Vertical     |               | Right Angle |             |
|--------------|---------------|-------------|-------------|
| Steel Screws | Bronze Screws | Tin Plated  | Gold Plated |
| 39890-01XX   | 39894-01XX    | 39890-02XX  | 39894-02XX  |