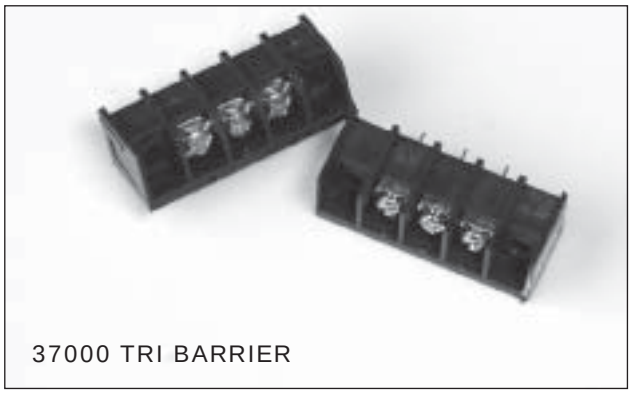
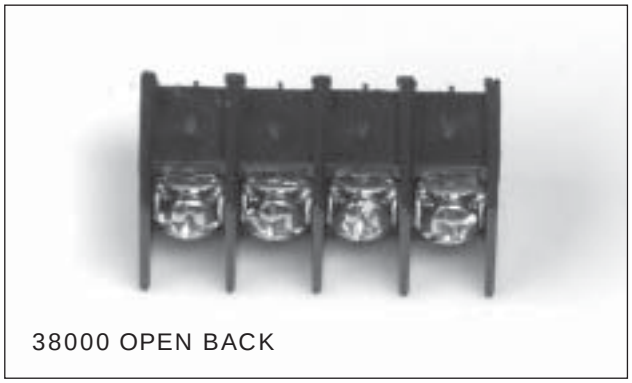


37000 TRI BARRIER



38000 OPEN BACK

## *Features:*

- Complete line of .375” centerline terminal block styles. Terminal blocks come in surface mount, PC mount, panel mount, and feed-thru styles with a wide variety of top and bottom terminations available
- Compliant contact design virtually eliminates solder joint fractures due to pin twist
- Standoffs are molded into blocks to prevent trapping solder flux and to aid in the board cleaning procss
- Broad wire range. The 37000/38000 Series terminal blocks will accommodate wire sizes up to 12AWG
- Full line of accessories complements the 37000/38000 Series terminal blocks, offering greater design flexibility
- All Curtis terminal blocks for electronic applications are made from self-extinguishing material rated 94V-0 by Underwriters Laboratories, Inc.
- Customized terminal blocks are available for special application by consulting any authorized Curtis distributor, Curtis representative, or by contacting the Curtis factory direct

**Recognized under the Components Program of Underwriters Laboratories, Inc. Standard 1059, Guide No. XCFR2, File No. E62557.**

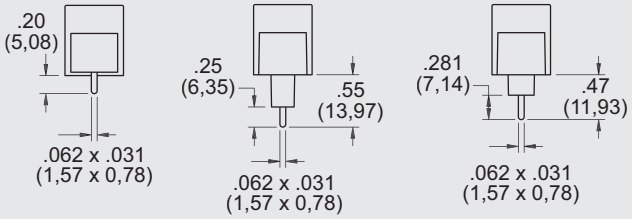
**Guide No. 22.2 No. 158, Report No. LR39186-1.**

*Single Row*

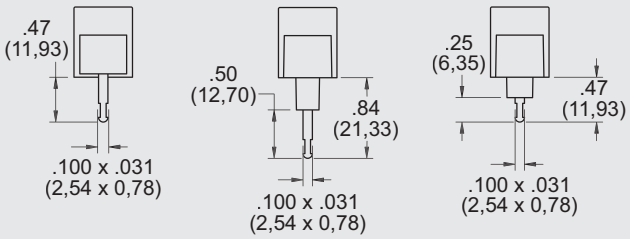
BARRIER STYLE

SERIES 38000 VARIATIONS

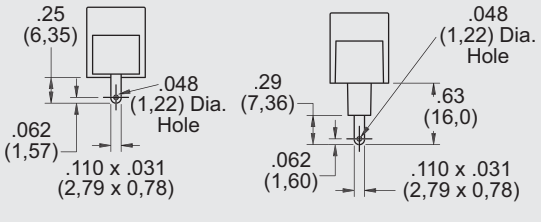
**1 – Printed Circuit Pin**



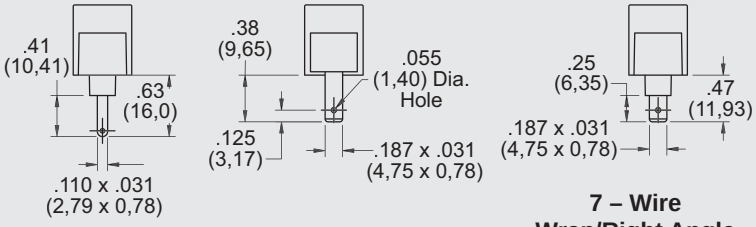

**2 – Turret Type Solder Terminal**



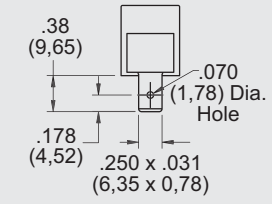

**3 – .110" Quick Connect**



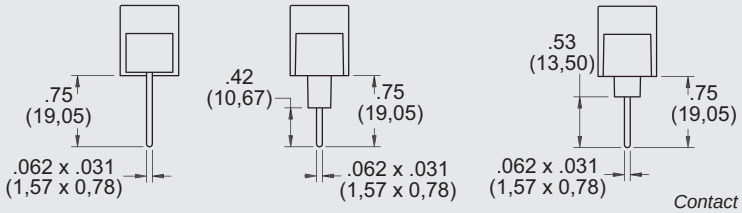

**4 – .187" Quick Connect**



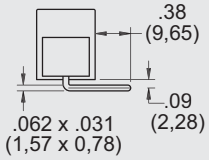

**5 – .250" Quick Connect**




**6 – Wire Wrap/Printed Circuit Pin**




**7 – Wire Wrap/Right Angle Printed Circuit Pin**




*NOTE: Standard bend shown. Contact factory for other bend dimensions.*



Curtis Industries
A Division of Powers Holdings, Inc.

Specifications subject to change.
Dimensions are shown for reference purposes only.

## *Specifications:*

**Center-to-Center Spacing:** .375" (9.52mm)

**Wire Range:** No. 22AWG to No. 12AWG

**No. of Terminals:** 1 thru 26 (28 positions on surface mount without mounting ends)

**Voltage Rating:** 300V

**Tightening Torque:**

| | |
|---|---|
| Wire Binding Screw | 9 in.-lb. |
| Wire Clamp | 9 in.-lb. |

**Current Rating:** 20 amps

**Housing:**

| | |
|---|---|
| Material | Polypropylene |
| Continuous Use Temp. (UL Index) | 105°C |
| Flammability Rating | 94V-0 |
| Water Absorption (24 hrs. % wt. gain) | .03% |
| Chemical Resistance | Excellent |

**Breakdown Voltage:**

| | |
|---|---|
| | 3,000V Typ. |
| Terminal - Ground | 4,700 Typ. |

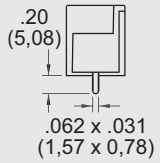
**Terminals:** Brass, Tin-plated

| Series 37000 and 38000 With Mounting Ends | | | | | | | Without Mounting Ends | |
|---|---|---|---|---|---|---|---|---|
| Number of Terminals | Dimensions | | | | | | | |
| | A ± .031 Overall Dimensions (O.D.) | | B ± .031 Mounting Dimensions (M.D.) | | C ± .031 Less Mounting Ends | | A ± .031 Less Mounting Ends | |
| | Inches | Metric (mm) | Inches | Metric (mm) | Inches | Metric (mm) | Inches | Metric (mm) |
| 1 | 1.200 | 30.48 | .750 | 19.05 | .450 | 11.43 | — | — |
| 2 | 1.575 | 40.01 | 1.125 | 28.58 | .825 | 20.96 | .825 | 20.96 |
| 3 | 1.950 | 49.53 | 1.500 | 38.1 | 1.200 | 30.48 | 1.200 | 30.48 |
| 4 | 2.325 | 59.06 | 1.875 | 47.63 | 1.575 | 40.01 | 1.575 | 40.01 |
| 5 | 2.700 | 68.58 | 2.250 | 57.15 | 1.950 | 49.53 | 1.950 | 49.53 |
| 6 | 3.075 | 78.11 | 2.625 | 66.68 | 2.325 | 59.06 | 2.325 | 59.06 |
| 7 | 3.450 | 87.63 | 3.000 | 76.2 | 2.700 | 68.58 | 2.700 | 68.58 |
| 8 | 3.825 | 97.16 | 3.375 | 85.73 | 3.075 | 78.11 | 3.075 | 78.11 |
| 9 | 4.200 | 106.68 | 3.750 | 95.25 | 3.450 | 87.63 | 3.450 | 87.63 |
| 10 | 4.575 | 116.21 | 4.125 | 104.78 | 3.825 | 97.16 | 3.825 | 97.16 |
| 11 | 4.950 | 125.73 | 4.500 | 114.3 | 4.200 | 106.68 | 4.200 | 106.68 |
| 12 | 5.325 | 135.26 | 4.875 | 123.83 | 4.575 | 116.21 | 4.575 | 116.21 |
| 13 | 5.700 | 144.78 | 5.250 | 133.35 | 4.950 | 125.73 | 4.950 | 125.73 |
| 14 | 6.075 | 154.31 | 5.625 | 142.88 | 5.325 | 135.26 | 5.325 | 135.26 |
| 15 | 6.450 | 163.83 | 6.000 | 152.4 | 5.700 | 144.78 | 5.700 | 144.78 |
| 16 | 6.825 | 173.36 | 6.375 | 161.93 | 6.075 | 154.30 | 6.075 | 154.31 |
| 17 | 7.200 | 182.88 | 6.750 | 171.45 | 6.450 | 163.83 | 6.450 | 163.83 |
| 18 | 7.575 | 192.41 | 7.125 | 180.98 | 6.825 | 173.36 | 6.825 | 173.36 |
| 19 | 7.950 | 201.93 | 7.500 | 190.5 | 7.200 | 182.88 | 7.200 | 182.88 |
| 20 | 8.325 | 211.48 | 7.875 | 200.03 | 7.575 | 192.40 | 7.575 | 192.41 |
| 21 | 8.700 | 220.98 | 8.250 | 209.55 | 7.950 | 201.93 | 7.950 | 201.93 |
| 22 | 9.075 | 230.51 | 8.625 | 219.08 | 8.325 | 211.46 | 8.325 | 211.46 |
| 23 | 9.450 | 240.03 | 9.000 | 228.6 | 8.700 | 220.98 | 8.700 | 220.98 |
| 24 | 9.825 | 249.56 | 9.375 | 238.13 | 9.075 | 230.50 | 9.075 | 230.51 |
| 25 | 10.200 | 259.08 | 9.750 | 247.65 | 9.450 | 240.03 | 9.450 | 240.03 |
| 26 | 10.575 | 268.61 | 10.125 | 257.18 | 9.825 | 249.56 | 9.825 | 249.56 |

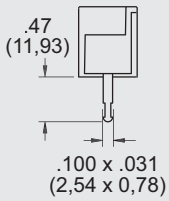
Dimensions shown are ± 0.030"

### SERIES 37000 VARIATIONS

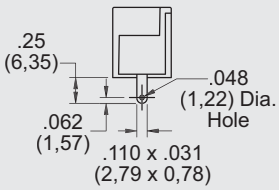
**1 – Printed Circuit Pin**



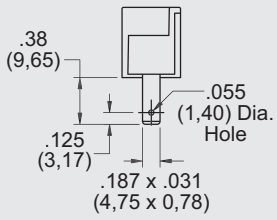

**2 – Turret Type Solder Terminal**



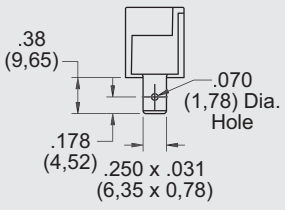

**3 – .110" Quick Connect**



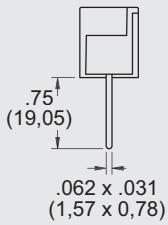

**4 – .187" Quick Connect**



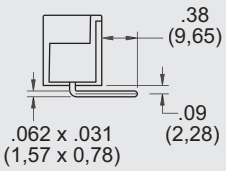

**5 – .250" Quick Connect**



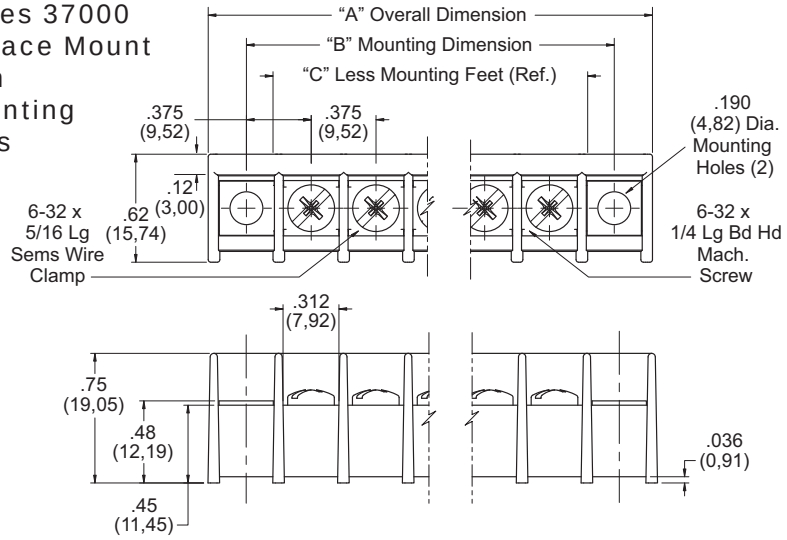

**6 – Wire Wrap/Printed Circuit Pin**



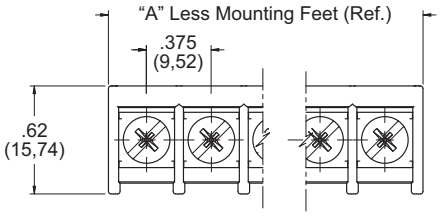

**7 – Wire Wrap/Right Angle Printed Circuit Pin**



Series 37000 Surface Mount with Mounting Ends




Series 37000 Surface Mount without Mounting Ends




## How to Order

T37 X X X XX X

MOLDING DESIGN
- 0 = Surface Mount w/ Mounting Ends
- 1 = Surface Mount w/o Mounting Ends

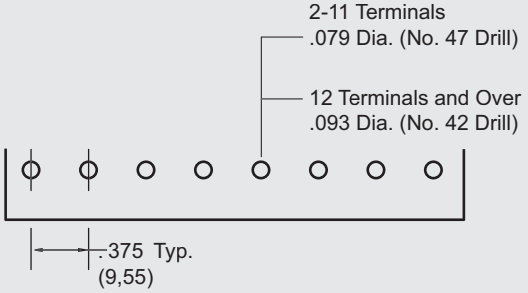
INSERT OR BOTTOM TERMINATION DESIGN
- 0 = Surface Mount, No Bottom Termination
- 1 = Printed Circuit Pin
- 2 = Turret Type Solder Terminal
- 3 = Quick Connect .110"
- 4 = Quick Connect .187"
- 5 = Quick Connect .250"
- 6 = Wire Wrap Pin
- 7 = Right Angle Printed Circuit

HARDWARE OR TOP TERMINATION DESIGN
- 0 = Nickel Plated Steel Screw, Standard
- 1 = Wire Clamp Screws
- 2 = Nickel Plated Brass Screws
- 3 = Stainless Steel Screws
- 5 = Without Screws
- 6 = Quick Connects, Screw Type*
- 8 = Captivated Screw

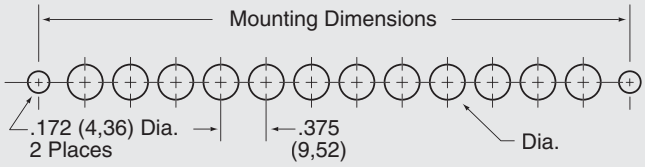
NUMBER OF POSITIONS
1 thru 26, Available in One to Twenty-Six Positions (28 Surface Mounts without Mounting Ends)

SPECIALS OR OPTIONAL DESIGNS
- 0 = None
- A-Z = Custom Configuration

### PC BOARD DRILLING DIMENSIONS




### RECOMMENDED PANEL CUTOUT DIMENSIONS



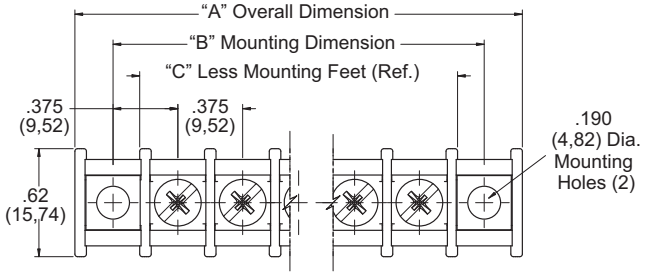

Long Feed Thru – Panel Hole Dia. = .281 (7,13)
Short Feed Thru – Panel Hole Dia. = .302 (7,67)



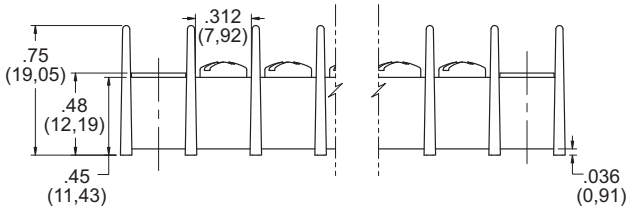


Specifications subject to change.
Dimensions are shown for reference purposes only.

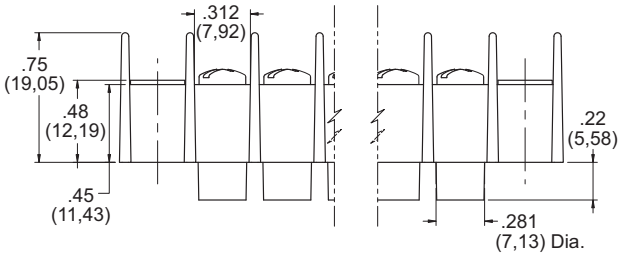
### Series 38000 Surface Mount without Mounting Ends



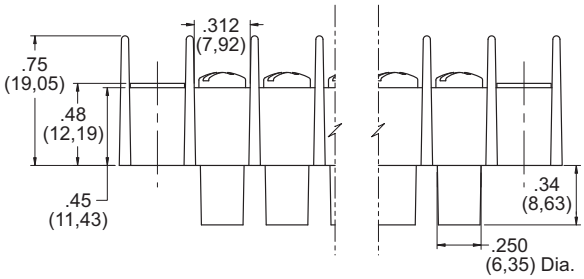

### Series 38000 Base Mount




### Series 38000 Short Feed-Thru




### Series 38000 Long Feed-Thru




## How to Order T38 X X X XX X

**MOLDING DESIGN**
- 0 = Surface Mount w/ Mounting Ends
- 1 = Surface Mount w/o Mounting Ends
- 2 = Insulated Feed Thru .250 Diameter w/ Mounting Ends
- 3 = Insulated Feed Thru .250 Diameter w/o Mounting Ends
- 4 = Insulated Feed Thru .281 Diameter w/ Mounting Ends
- 5 = Insulated Feed Thru .281 Diameter w/o Mounting Ends

**INSERT OR BOTTOM TERMINATION DESIGN**
- 0 = Surface Mount, No Bottom Termination
- 1 = Printed Circuit Pin
- 2 = Turret Type Solder Terminal
- 3 = Quick Connect .110"
- 4 = Quick Connect .187"
- 5 = Quick Connect .250"
- 6 = Wire Wrap Pin
- 7 = Right Angle Printed Circuit

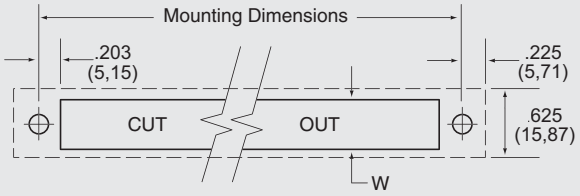
**HARDWARE OR TOP TERMINATION DESIGN**
- 0 = Nickel Plated Steel Screw, Standard
- 1 = Wire Clamp Screws
- 2 = Nickel Plated Brass Screws
- 3 = Stainless Steel Screws
- 5 = Without Screws
- 6 = Quick Connects, Screw Type*
- 8 = Captivated Screw

**NUMBER OF POSITIONS**

1 thru 26, Available in One to Twenty-Six Positions (28 Surface Mounts without Mounting Ends)

**SPECIALS OR OPTIONAL DESIGNS**
- 0 = None
- A-Z = Custom Configuration

### RECOMMENDED PANEL CUTOUT DIMENSIONS




**SURFACE MOUNT STYLES**

.187 (4,75) Tab
.250 (6,35) Tab
W = .45 (11,34)

.110 (2,79) QC
Wire Wrap
Solder Tab
W = .38 (9,65)

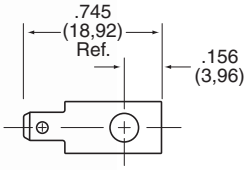
Dimensions are in inches and millimeters unless otherwise specified.
Values in parentheses are metric equivalents.

Series 37000 Accessories

## QUICK-CONNECT TERMINALS .020 X .187



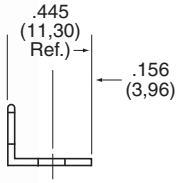
TB71




**Part No.**
**808271200**
**TB71**



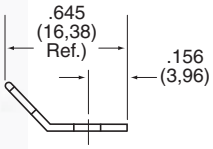
TB72




**Part No.**
**808272200**
**TB72**



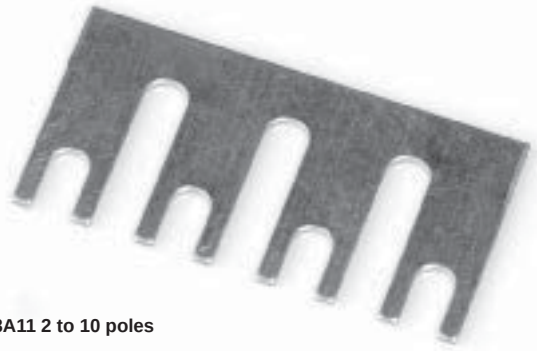
TB73



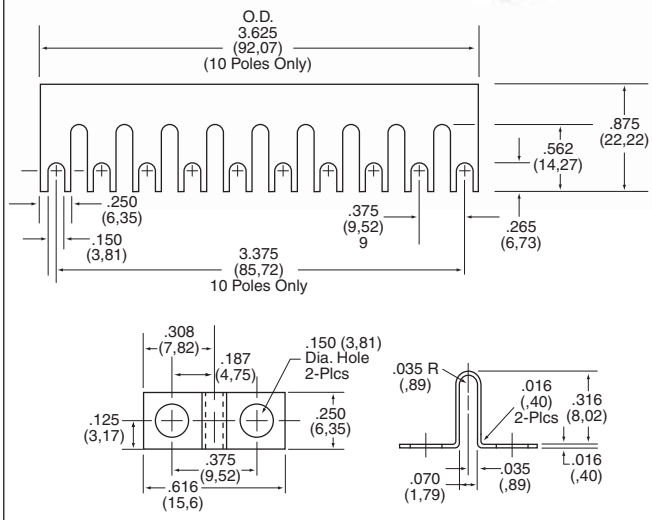

**Part No.**
**808273200**
**TB73**

Series 37000/38000 Accessories

## TERMINAL BLOCK JUMPERS



**278A11 2 to 10 poles**




**Part No. 068260100**

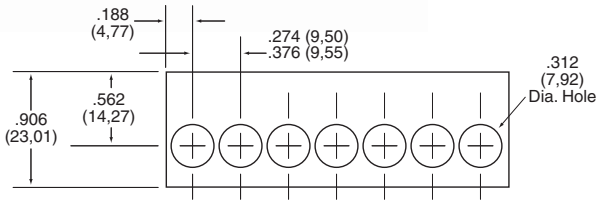
## MARKING STRIPS



W/Mounting Holds
Part No. 278A10
1 thru 26

W/O Mounting Holes
Part No. 278A36
1 thru 26

**Pre-Punched**
**Black Fiber**





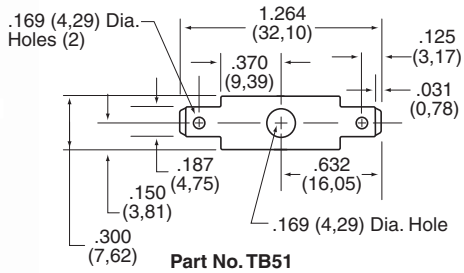

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Specifications subject to change.
Dimensions are shown for
reference purposes only.

## QUICK-CONNECT TERMINALS .020 x .187"



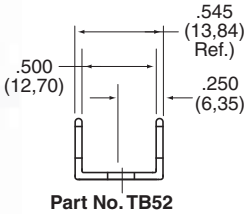
TB51




**Part No. TB51**



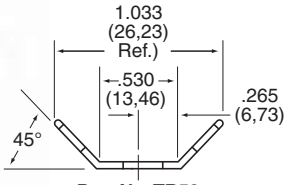
TB52




**Part No. TB52**



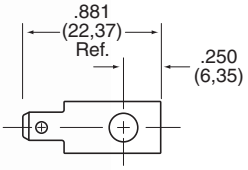
TB53




**Part No. TB53**



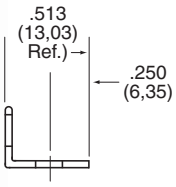
TB54




**Part No. TB54**



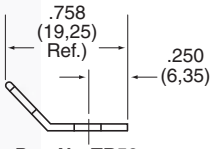
TB55




**Part No. TB55**

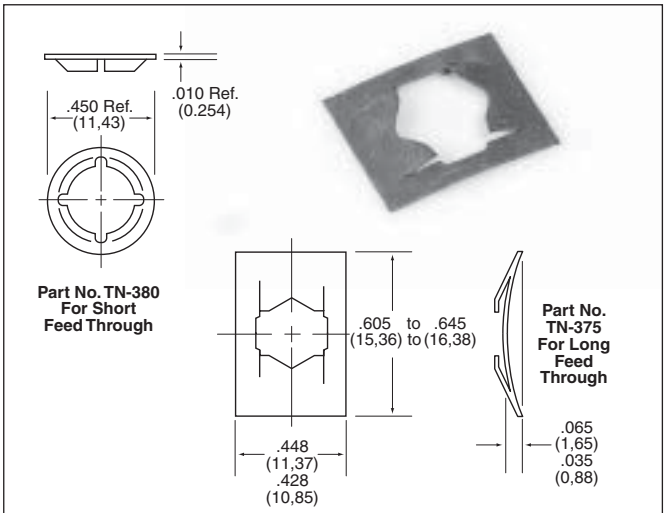


TB56

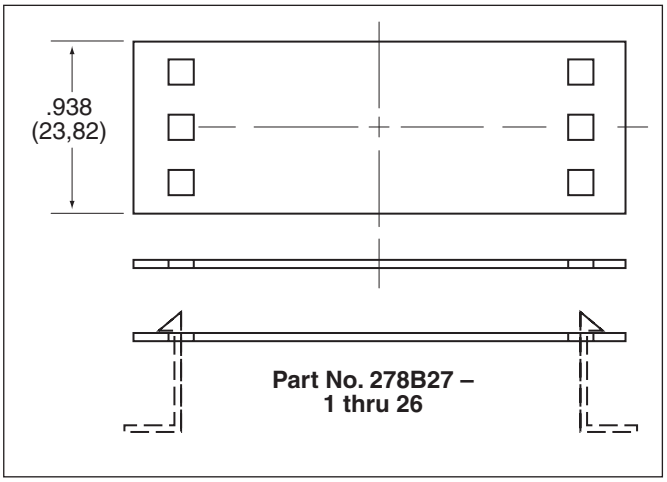



**Part No. TB56**

## TINNERMAN NUTS




## COVERS






Dimensions are in inches and millimeters
unless otherwise specified.
Values in parentheses are metric equivalents.

# OCEAN CHIPS
## Океан Электроники
## Поставка электронных компонентов

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «**JONHON**», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «**FORSTAR**».

AVIC JONHON

**«JONHON»** (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

**«FORSTAR»** (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).

FORSTAR®

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