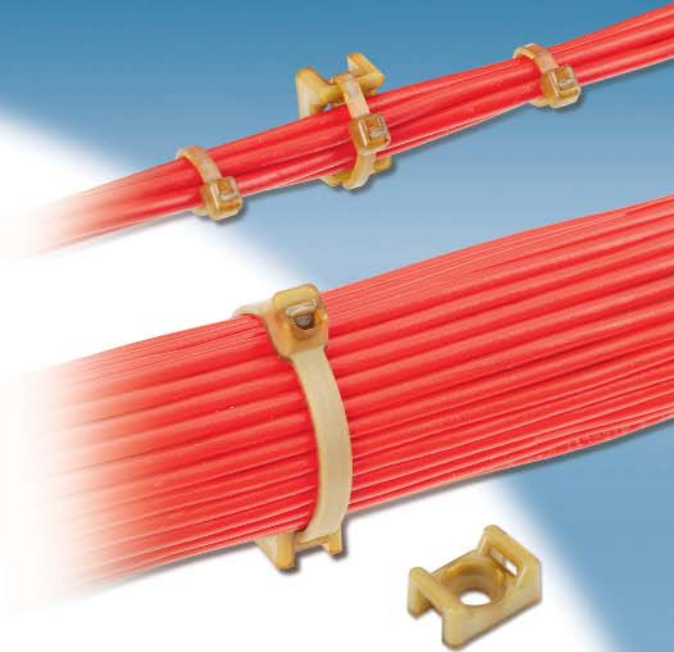


# High Temperature Polyetheretherketone (PEEK) Pan-Ty® Cable Ties and Mounts

PEEK Cable Ties and mounts are ideal for use in high temperature and harsh chemical environments. PEEK is a dimensionally stable material that offers an excellent tensile rating with an operating temperature up to 500°F (260°C). It is halogen free and has a UL94V-0 flammability rating, generating low smoke and toxicity upon burn, contributing to improved workplace safety. It has excellent chemical resistance to almost all organic and inorganic chemicals and is extremely resistant to high levels of gamma radiation for a long-term bundling solution. PEEK cable ties and mounts can be used in a broad range of applications and environments including Oil and Gas, Automotive and Aerospace.



### Key Features

### Benefits

#### Material

|  |   |
|--|---|
| <b>High Temperature Polyetheretherketone (PEEK) material</b> | Operating temperature range up to 500°F (260°C); maintains good tensile strength in high temperature environments   |
| <b>Halogen-free material<br/>UL94V-0 flammability rating</b> | Emits very low smoke and gas upon burn; does not easily ignite when exposed to a flame source; safe material to use in enclosed spaces                                |
| <b>Chemical resistant material</b>                           | Withstands attack from most organic and inorganic chemicals; able to be used in harsh chemical environments, providing a long-term bundling solution                  |
| <b>Gamma radiation resistant material</b>                    | Maintains mechanical properties when exposed to high levels of gamma radiation; maintains tensile properties, providing longer useful life                            |
| <b>Good electrical isolation properties</b>                  | Non-metallic material provides an alternative to conductive fasteners; safe to use where a non-conductive material is specified and/or required                       |
| <b>Low water absorption</b>                                  | Non-hygroscopic material provides excellent moisture resistance; won't absorb water in humid/steam environments; maintains dimensional stability and tensile strength |

#### Cable Tie

|                                      |   |
|--------------------------------------|---|
| <b>Cable tie design</b>              | Threads easily and installs quickly compared to lacing cord, which requires time consuming, hand-tied knots that can lead to repetitive strain injuries |
| <b>Curved tip – applicable sizes</b> | Easy to pick up from flat surfaces; allows faster threading   |

#### Mount

|                            |  |
|----------------------------|--|
| <b>Mount cradle design</b> | Provides maximum stability for the cable bundle                        |
| <b>Low profile design</b>  | Keeps bundle close to mounting surface where overhead space is limited |

#### Technical Information

|                                   |                             |
|-----------------------------------|-----------------------------|
| <b>UL flammability</b>            | UL 94V-0                    |
| <b>Oxygen index</b>               | 35                          |
| <b>Radiation resistance</b>       | 1 x 10 <sup>9</sup> Rads    |
| <b>Continuous use temperature</b> | -76° – 500°F (-60° – 260°C) |
| <b>Halogen free</b>               | Yes                         |
| <b>RoHS compliant</b>             | Yes                         |

# High Temperature Polyetheretherketone (PEEK) Pan-Ty® Cable Ties and Mounts

## Applications

Applications for PEEK product include, but are not limited to, the following:

- Drilling down-hole electronics
- Nuclear power plants
- Vacuum ovens for optics
- Commercial cooking equipment
- High temperature lighting
- Industrial ovens
- Transformers and transducers
- Wire harnesses for harsh environments
- Chemical manufacturing
- Transportation

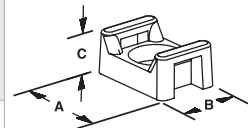
## Ordering Information

### Cable Ties

| Part Number                                  | Length In. (mm) | Width In. (mm) | Thickness In. (mm) | Head Height In. (mm) | Head Width In. (mm) | Max. Bundle Diameter In. (mm) | Min. Loop Tensile Strength Lbs. (N) | Recommended Tools        | Std. Pkg. Qty. | Std. Ctn. Qty. |
|--|-----------------|----------------|--------------------|----------------------|---------------------|-------------------------------|-------------------------------------|--------------------------|----------------|----------------|
| <b>Miniature Cross Section</b>               |                 |                |                    |                      |                     |                               |                                     |                          |                |                |
| <b>NEW!</b> PLT1M-C71                        | 3.9 (99)        | .098 (2.5)     | .048 (1.2)         | .131 (3.3)           | .188 (4.8)          | .87 (22)                      | 35 (156)                            | GTS, GTSL, PTS           | 100            | 1000           |
| <b>NEW!</b> PLT1.5M-C71                      | 5.8 (147)       |                |                    |                      |                     | 1.38 (35)                     |                                     |                          | 100            | 1000           |
| <b>Standard Cross Section (Straight Tip)</b> |                 |                |                    |                      |                     |                               |                                     |                          |                |                |
| PLT2S-C71                                    | 7.4 (188)       | 0.190 (4.8)    | 0.055 (1.4)        | 0.240 (6.1)          | 0.320 (8.1)         | 1.88 (48)                     | 150 (668)                           | GTS, GTSL, GTH, PTS, PTH | 100            | 1000           |

### Cable Tie Mounts

| Part Number           | Used With Cable Ties | A Width In. (mm) | B Width In. (mm) | C Height In. (mm) | Counterbore Diameter In. (mm) | Mounting Method | Std. Pkg. Qty.* | Std. Ctn. Qty.* |
|-----------------------|----------------------|------------------|------------------|-------------------|-------------------------------|-----------------|-----------------|-----------------|
| <b>NEW!</b> TM2S8-C71 | Min., Std.           | .636 (16.2)      | .427 (10.8)      | .278 (7.1)        | .335 (8.5)                    | #8 (M4) screw   | 100             | 100             |



## Related products



| Part Numbers                                     | Used with PEEK Cable Ties | Description  | Std. Pkg. Qty. |
|--|---------------------------|--|----------------|
| <b>Tool Controlled Tension and Cut-Off Tools</b> |                           |  |                |
| GTS, GTSL, GS2B                                  | Miniature, Standard       | Tool controlled tension tools consistently provide flush tie cut-offs to speed installation. | 1              |
| GS4H, GTH, GS4EH                                 | Standard                  |  | 1              |

\*Order number of pieces required, in multiples of standard package quantity.

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Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

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- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Комплексную поставку.
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- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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