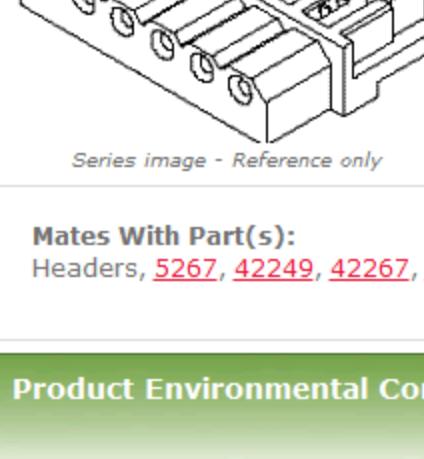




Home: IDT and Solder Connectors &gt;

**Part Number: 22-44-6071**

2.50mm SPOX™ IDT Receptacle, Yellow, 7 Circuit



Series image - Reference only

|              |                            |
|--------------|----------------------------|
| Status:      | <b>OBsolete</b>            |
| Replacement: | <a href="#">22-24-3070</a> |

|           |                           |
|-----------|---------------------------|
| Series:   | <a href="#">42219</a>     |
| Category: | IDT and Solder Connectors |

|                     |             |
|---------------------|-------------|
| Engineering/Old PN: | A-42219-07F |
|---------------------|-------------|

Go to [Part Detail](#) ▾[CHECK DISTRIBUTOR INVENTORY](#)[Add to My Parts](#)[Email this page](#)**Mates With Part(s):**Headers, [5267](#), [42249](#), [42267](#), [5268](#)**Product Environmental Compliance**[EU ELV](#): Product not active[EU RoHS](#): Product not active[EU RoHS Phthalates](#): Product not active[China RoHS](#):[REACH SVHC](#): Product not active[Low-Halogen Status](#): Product not active[EU RoHS Certificate of Compliance \(PDF\)](#)[Multiple Part Product Compliance Statements](#)

EU RoHS, REACH SVHC, &amp; Low-Halogen

[Multiple Part Industry Compliance Documents](#)

\*IPC 1752A Class C

\*IPC 1752A Class D

\*Molex Product Compliance Declaration

Questions on Product Environmental Compliance? Email [ProductCompliance@molex.com](mailto:ProductCompliance@molex.com)Request Molex's CMRT from [conflictminerals@molex.com](mailto:conflictminerals@molex.com)**Part Detail**[COLLAPSE ALL](#)[▼ General](#)

|              |                                   |
|--------------|-----------------------------------|
| Status       | Obsolete                          |
| Category     | IDT and Solder Connectors         |
| Series       | <a href="#">42219</a>             |
| Comments     | Spring Box, Use with 24 AWG solid |
| Product Name | SPOX™                             |
| UPC          | 800753805682                      |

[▼ Physical](#)

|                                |                 |
|--------------------------------|-----------------|
| Circuits (Loaded)              | 7               |
| Circuits (maximum)             | 7               |
| Color - Resin                  | Natural         |
| Durability (mating cycles max) | 25              |
| Flammability                   | 94V-0           |
| Gender                         | Female          |
| Glow-Wire Compliant            | No              |
| Lock to Mating Part            | None            |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polyester       |
| Net Weight                     | 1.017/g         |
| Number of Rows                 | 1               |
| Packaging Type                 | Bag             |
| Panel Mount                    | No              |
| Pitch - Mating Interface       | 2.50mm          |
| Plating min - Mating           | 2.540µm         |
| Plating min - Termination      | 2.540µm         |
| Stackable                      | No              |
| Temperature Range - Operating  | 0°C to +75°C    |
| Termination Interface: Style   | IDT or Pierce   |
| Wire Size AWG                  | 24, 26          |

[▼ Electrical](#)

(Please review the Product Specification for specific details.)

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 250V |

[▼ Agency Certification](#)

Please find UL Certificates by searching the UL Database using the Molex Series Number.

[Click here to visit the UL Database](#)

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

[▼ Solder Process Data](#)[Solderability Shelf Life Statement](#)

|                              |     |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

[▼ Material Info](#)

|                    |             |
|--------------------|-------------|
| Engineering Number | A-42219-07F |
|--------------------|-------------|

**Application Tooling****FAQ**

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

**Global**

| Description   | Product #                  |
|---|----------------------------|
| IDT - Manual Press  | <a href="#">11-21-9757</a> |
| Hawk Discrete Wire Terminator Machine 2.50mm                                | <a href="#">62300-0500</a> |
| Hawk Discrete Wire Terminator Machine 2.50mm                                | <a href="#">62300-0700</a> |
| Changehead for Parallel Action Handtool 069008-0949 for 2.5mm User Friendly | <a href="#">69008-0290</a> |

**Crimp Quality Equipment**[Molex also offers wire strippers, pull testers, shut-height gauges, micrometers and more](#)**Previously Available Application Tooling**[Check our list of old tooling that used to be available for this part](#)