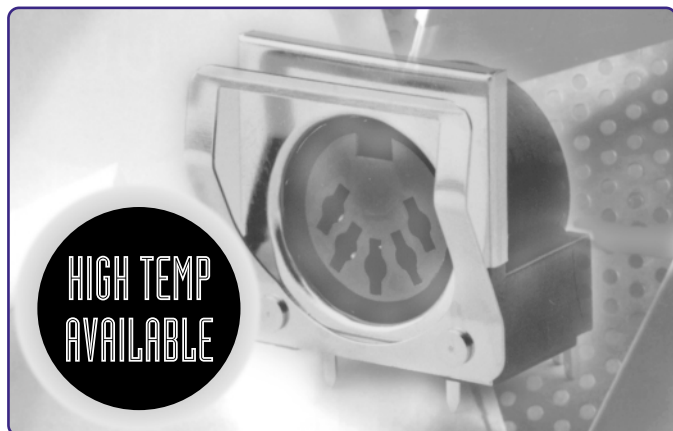




## KCD Series - Circular Din Right Angle PCB Mount

### Features



- Audio, Video, Computer and Digital Equipment Applications
- Designed to Meet European DIN Standards
- Nickel Shells for Good Conductivity, Grounding and EMI/RFI Shielding
- Available in Reflow Compatible Design
- Visual and Mechanical Polarization for Plug Insertion
- Various Circuit Sizes
- CSA/NRTL Certified File No. LR78160

### Performance Specifications

#### Material Finish



##### Body

KCD - PBT Thermoplastic, Black Color, UL94V-0 Rated  
KCDHT - High Temperature Thermoplastic, Black Color, UL94V-0 Rated

##### Contact

KCD - Brass, Tin Plated  
KCDHT - Brass, Silver Plated

##### Shield

Copper Alloy, Nickel Plated

### Mechanical Characteristics

#### Insertion Force

0.5kg - 7.0kg

#### Extraction Force

0.4kg - 7.0kg

#### Durability

500 Cycles Minimum With Test Plug

## MINI-DINs / CIRCULAR DINs

### KCD Series

### Electrical Characteristics

#### Contact Current Rating

Rated Voltage and Current: 20V DC, 2.0 A

#### Insulation Resistance

100 Megohms Min. at 250V DC Before and After Test

#### Contact Resistance

Pin to Contact Resistance: 60 Milliohms Max.

Plug Shield to Socket Resistance: 100 Milliohms Max.

#### Dielectric Withstanding Voltage

500V AC for 1 Minute

#### Operating Temperature

-25°C to +85°C

### Ordering Information

|        |   |                       |   |                 |
|--------|---|-----------------------|---|-----------------|
| KCD    | — | 5                     | — | S               |
| Series |   | Number of<br>Contacts |   | Contact<br>Type |
|        |   |                       |   | Options         |

#### Series

KCD - Kycon Circular DIN Connectors,  
Right Angle PCB Mount, Receptacle  
KCDHT - Reflow Compatible Version

#### Number of Contacts

3, 5, 6, 7, 8

#### Contact Type

S - Receptacle

#### Options

N - Non-Shielded, 10mm Pitch

N2 - Non-Shielded, 5mm Pitch

S - Shielded, 10mm Pitch

S2 - Shielded, 5mm Pitch

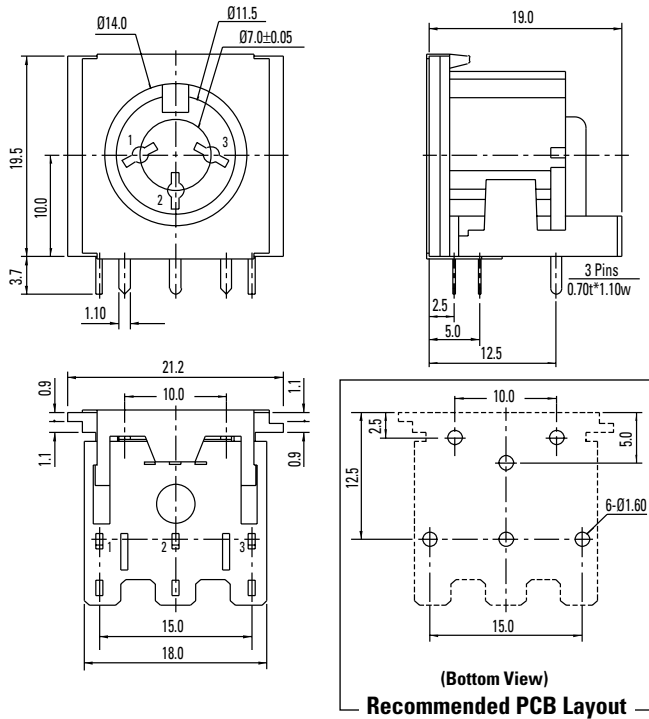
S-PS - Shielded, 10mm Pitch, with Grounding Spring Shield

S2-PS - Shielded, 5mm Pitch, with Grounding Spring Shield

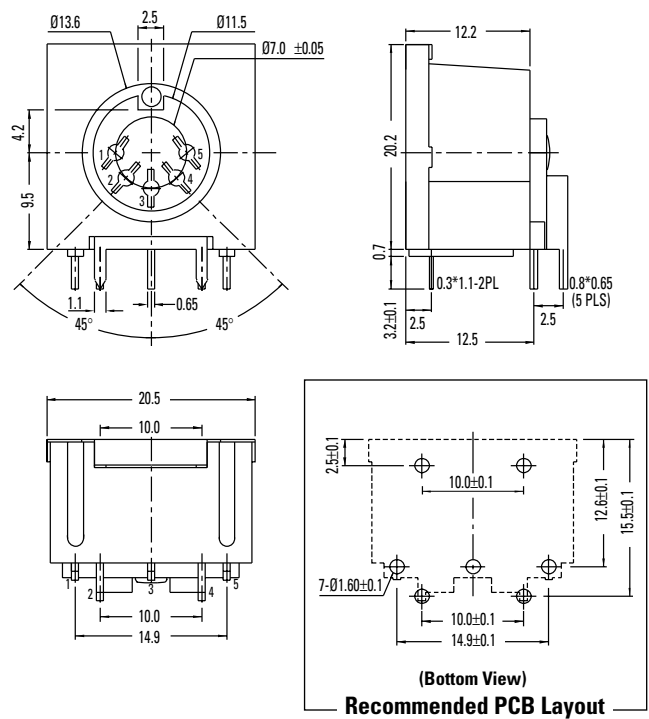
**KCD Series Dimensions\***

Dimensions in mm

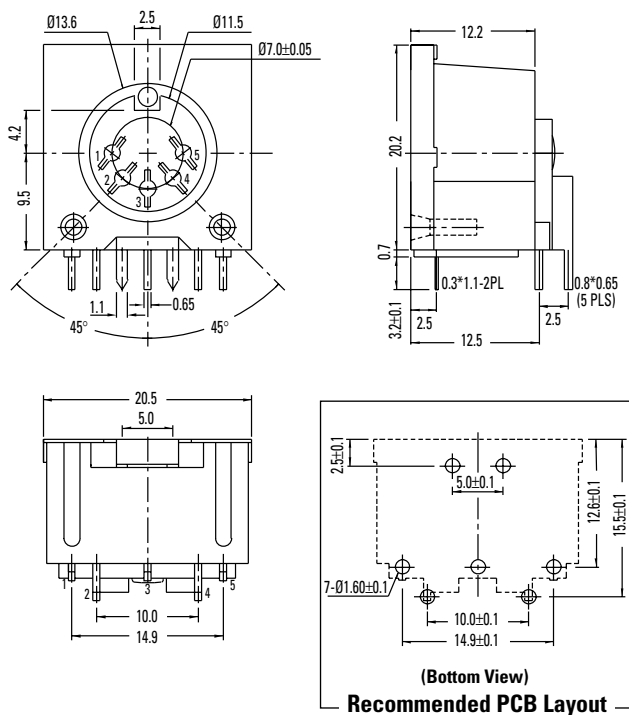
**KCD-3S-S**



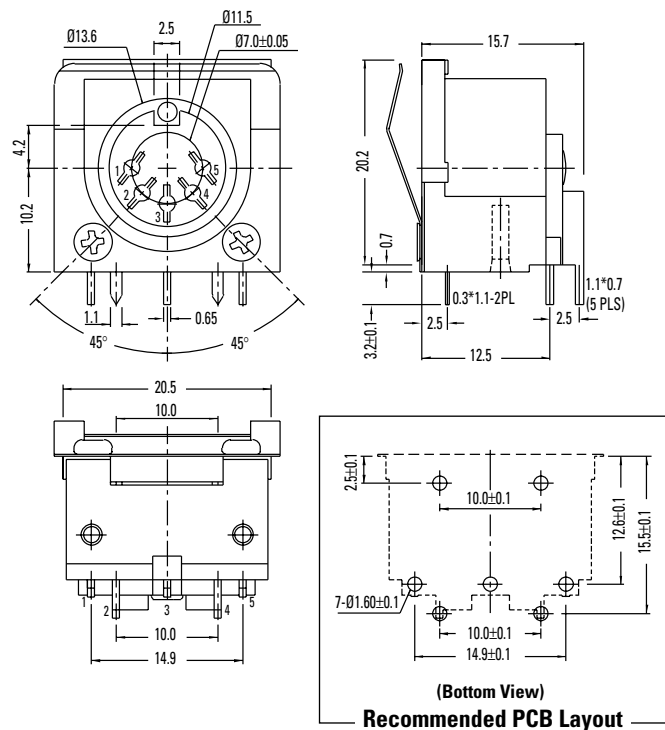
**KCD-5S-S**



**KCD-5S-S2**



**KCD-5S-S-PS**

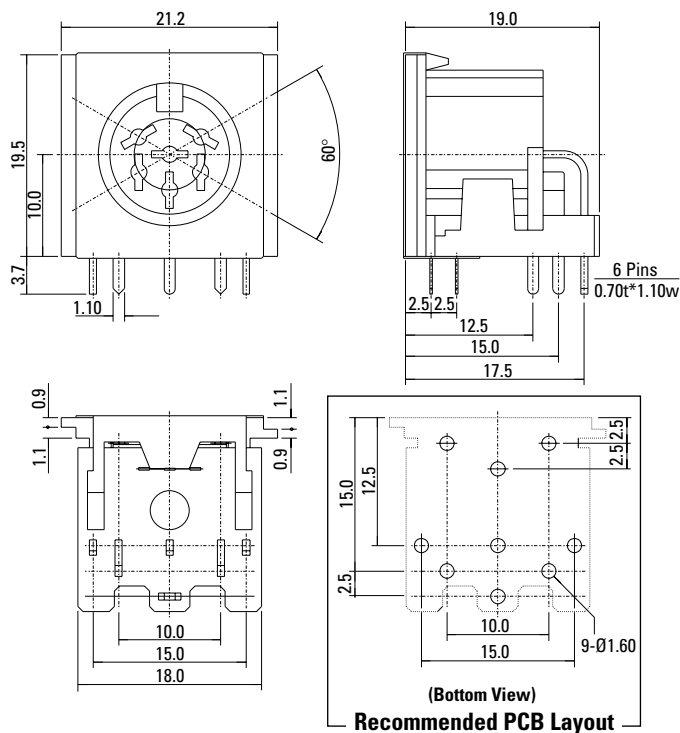


\* Contact factory for non-shielded specifications. 888-KYCON-22

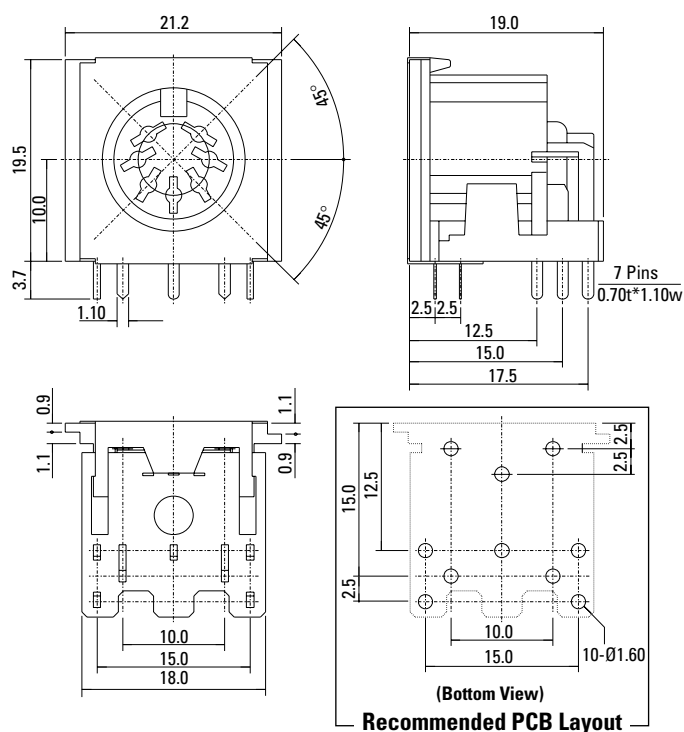
**KCD Series Dimensions\***

Dimensions in mm

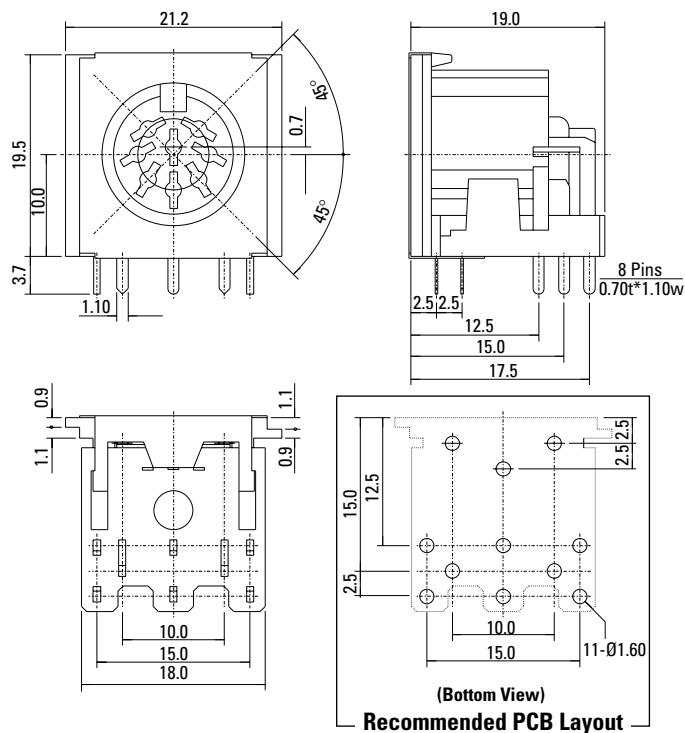
**KCD-6S-S**



**KCD-7S-S**



**KCD-8S-S**



\* Contact factory for non-shielded specifications. 888-KYCON-22

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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