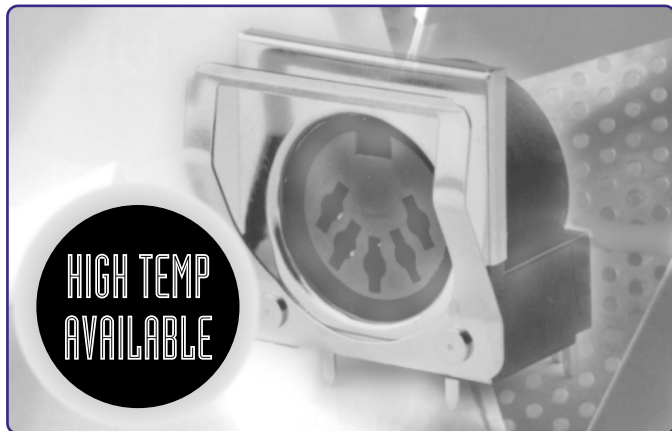




KCD Series - Circular Din Right Angle PCB Mount

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	—	S
Series		Number of Contacts		Contact 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

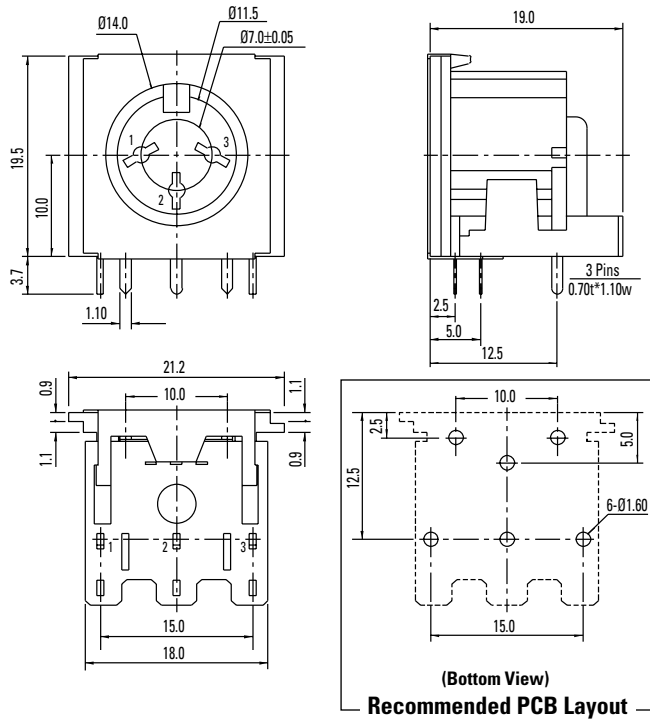
S-PS - Shielded, 10mm Pitch, with Grounding Spring Shield

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

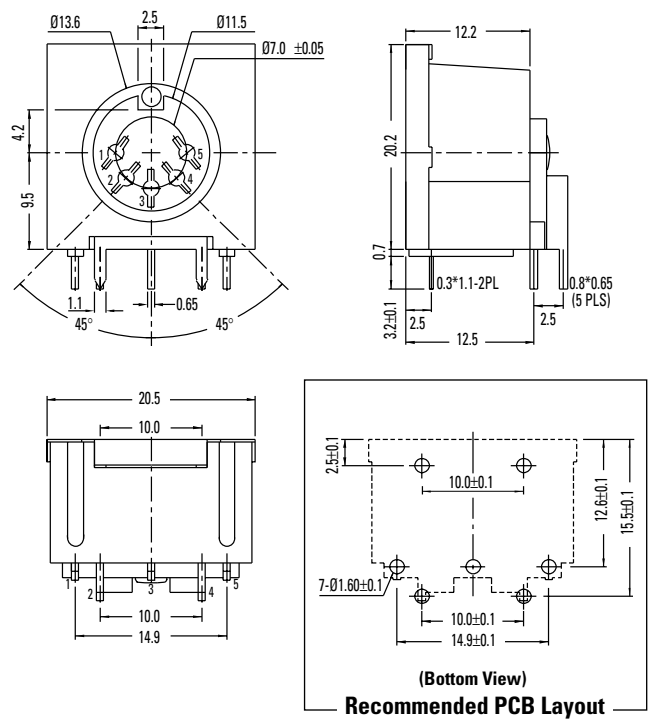
KCD Series Dimensions*

Dimensions in mm

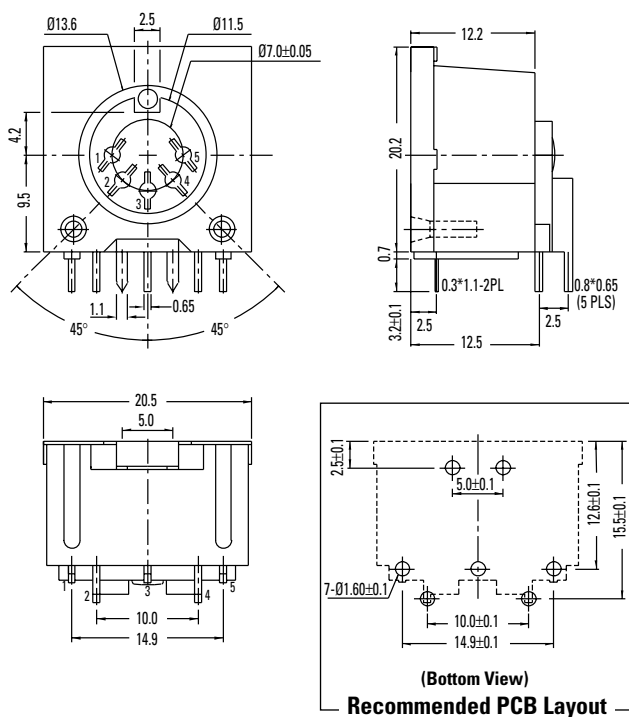
KCD-3S-S



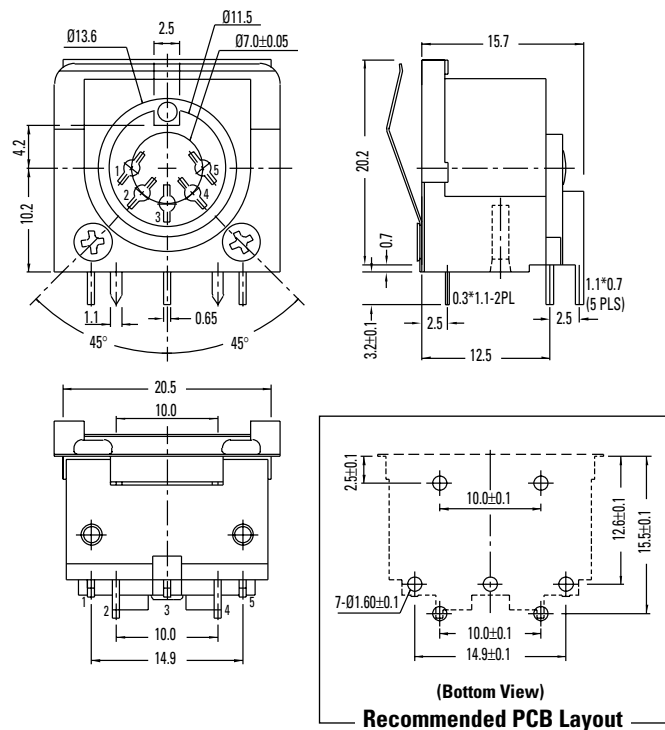
KCD-5S-S



KCD-5S-S2



KCD-5S-S-PS

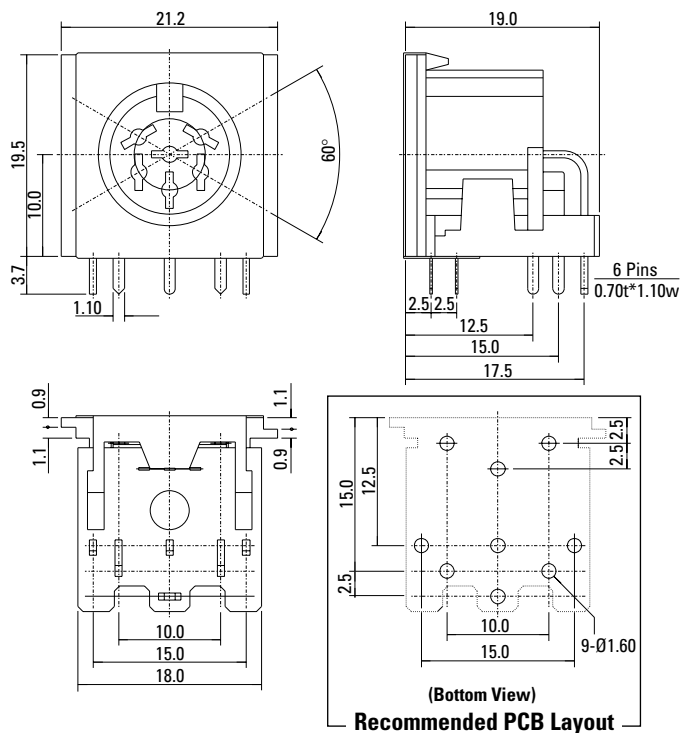


* Contact factory for non-shielded specifications. 888-KYCON-22

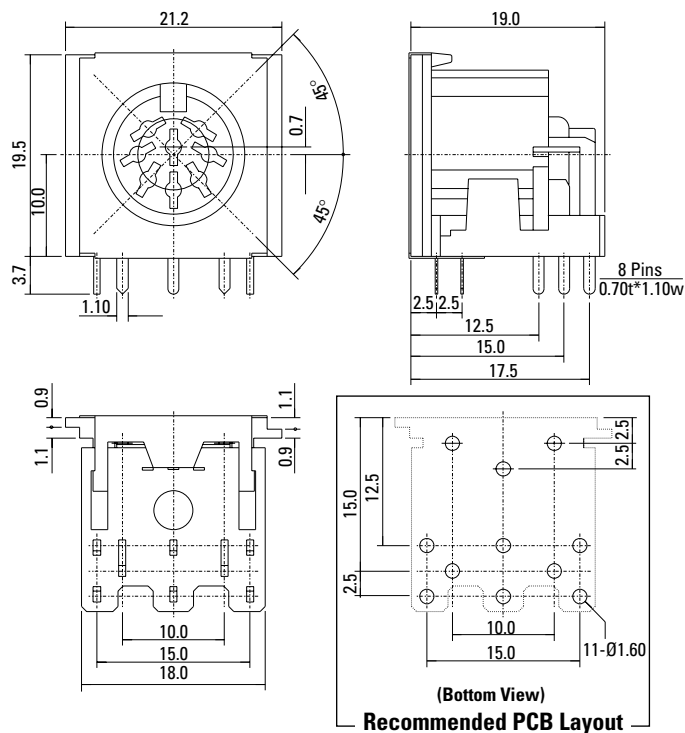
KCD Series Dimensions*

Dimensions in mm

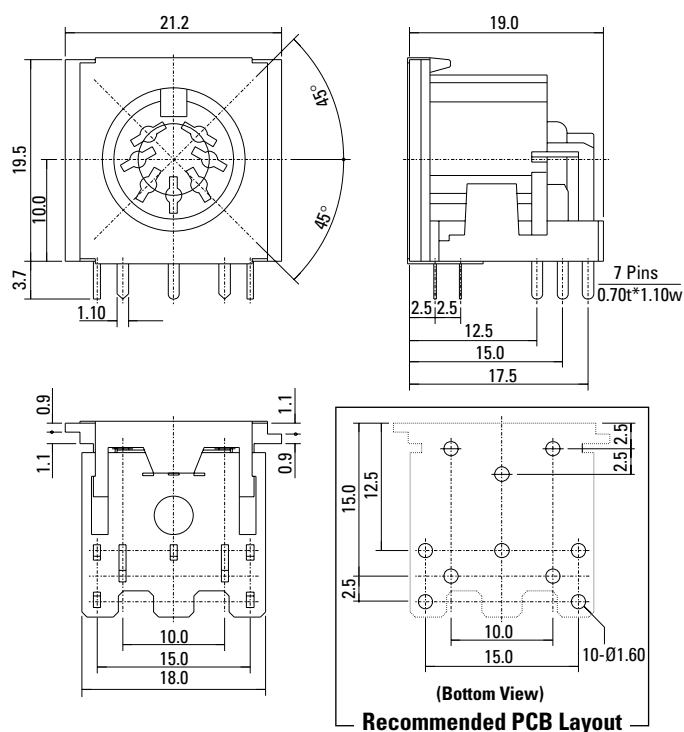
KCD-6S-S



KCD-8S-S



KCD-7S-S



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

Mouser Electronics

Authorized Distributor

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