

K99 Series IDC Termination D-Subminiature

Features



- Applications Include Computer Peripherals, Data Processing, Telecommunications, Industrial Controls and Local Area Networks
- Bright Tin Shells for Exceptional Conductivity, Grounding and EMI/RFI Shielding
- Indentations (Dimples) on Metal Plug Shells for Exceptional Grounding and Mating Retention
- Plastic Strain Relief Available Separately
- Flat Cable can be Connected to a Single Connector or Daisy Chained.
- Automatic Assembly Machine Compatible
- Design Meets the Requirements of MIL-C-24308, EIA RS-232 and RS-449.

Performance Specifications

Materials and Finish

Shell

K99 Series: Steel Material, Tin Finish
SR Series: PBT Thermoplastic



Contact Material

Pin: Brass .040 (1.02) Diameter
Socket: Phosphor Bronze

Contact Finish

0.000005 (0.000127) Gold on Contact Wiping Area, All Other Areas are 0.0001 (0.00254) Tin Over 0.0001 (0.00254) Nickel

Riveted Insert

Brass Material, Nickel Finish

D-SUBMINIATURE CONNECTORS

K99 Series

Mechanical Characteristics

Contact Separation Force

4 Oz. Min

Contact Engagement Force

9 Oz. Min

Electrical Characteristics

Contact Current Rating

1 Amp

Contact Resistance

8 Milliohms Max

Dielectric Withstanding Voltage

1000 V AC Min

Insulation Resistance

1000 Megohms Min

Temperature Rating

-55°C to +125°C

Wire Accommodation

Flat Cable or Discrete Wire 26 or 28 AWG Stranded or Solid, and 30 AWG Solid Wires on .050 (1.27) Centers

Ordering Information: Connector

K99	-	25	S	-	K	-	BLK
Series		Number of Contacts	Contact Type		Mounting Options		Color Options
Series							
K99 - KYCON IDC D-Subminiature Connector, Metal Construction							
Number of Contacts							
9, 15, 25, 37							
Contact Type							
P - Pin Contact (Plug) S - Socket Contact (Receptacle)							
Mounting Options							
K - With Riveted Threaded (4-40) Bushing Blank - No Mounting Hardware							
Color Option							
BLU: Blue Color BLK: Black Color							

Ordering Information: Strain Relief

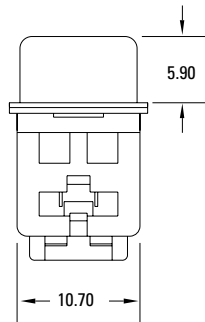
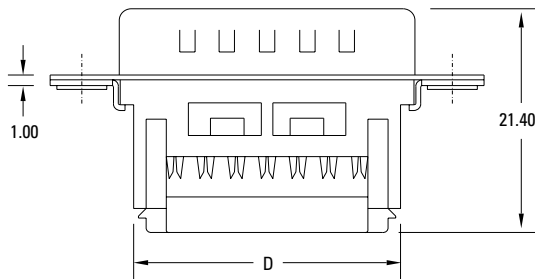
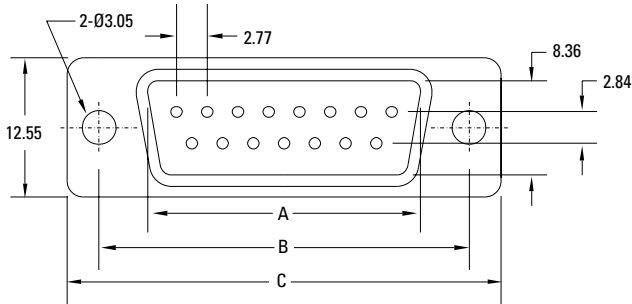
SR		25	-	BLK
Series		Number of Contacts		Color Options
Series				
SR-Plastic Strain Relief for K99 Series Connector*				
Number of Contacts				
9, 15, 25, 37				
Color Option				
BLU: Blue Color BLK: Black Color				

*Contact factory for specifications. 888-KYCON-22

K99 Series Dimensions

Dimensions in mm

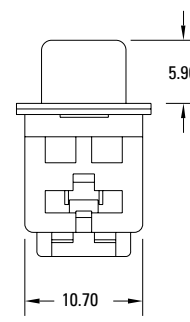
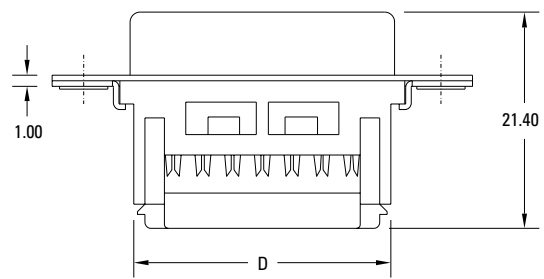
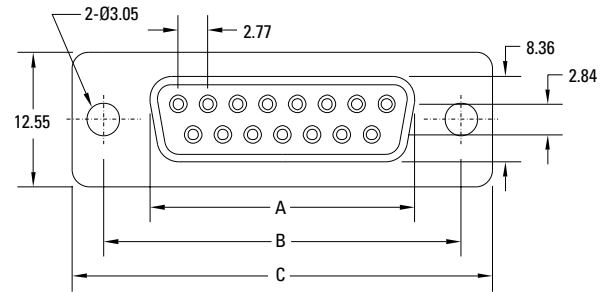
K99 Male



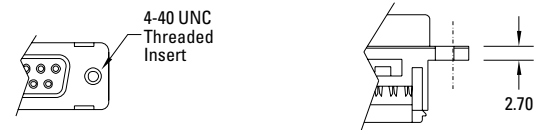
"K" Option



K99 Female



"K" Option



Dimensions (Inch/mm)				
Shell Size	A	B	C	D
9	.666	.984	1.213	.732
(E)	16.92	24.99	30.81	18.60
15	.994	1.312	1.539	1.047
(A)	24.25	33.32	39.10	26.60
25	1.534	1.852	2.090	1.610
(B)	38.96	47.04	53.09	40.90
37	2.183	2.500	2.732	2.248
(C)	55.45	63.50	69.40	57.10

Dimensions (Inch/mm)				
Shell Size	A	B	C	D
9	.643	.984	1.213	.732
(E)	16.33	24.99	30.81	18.60
15	.971	1.312	1.539	1.05
(A)	24.66	33.32	39.10	26.60
25	1.511	1.852	2.090	1.67
(B)	38.38	47.04	53.09	40.90
37	2.159	2.500	2.732	2.24
(C)	54.84	63.50	69.40	57.10