



5.08mm(.200") Pitch

Disk Drive Power

IDT Connection System

6670 Series

FEATURES & BENEFITS:

- Wire to wire and wire to board insulation displacement
- End grips for easy unmating
- Housing deflet provides positive retention to mate connector
- Locking IDT wire strain relief cover
- Wire range 18~22AWG
- IDT equivalent to H6680 or H6680-P

SPECIFICATION:

Electrical:

- Voltage: 250V DC/AC

18AWG	20AWG	22AWG
8.0A	7.0A	6.0A

- Contact Resistance: 20m ohm max
- Insulation Resistance: 500M ohm min

Mechanical:

- Contact Retention to Housing: 4.0kg min.
- Mating Force: 10kg max.
- Unmating Force: 2.5kg min.
- Durability: 30 Cycles

Physical:

- Housing: Nylon 66, UL94V-0 or UL 94V-2
- Contact: Phosphor Bronze
- Plating: Pre, Tin over Copper
- Temperature Range: -40°C to +105°C

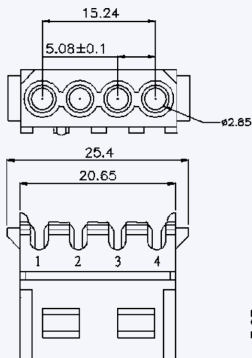


REFERENCE INFORMATION:

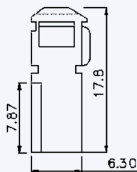
- UL File No.: E144574
- CSA File No.: LR80626-6
- Package: Bag
- Designed in: mm

ORDERING INFORMATION AND DIMENSIONS:

Housing:



Part No.	Material	Cover & Termination
H6670-0		None (Housing)
H6670-0T	Nylon 66 UL 94V-0 Phosphor bronze Tin-plated	No cover, mate T6670-7
H6670-0T1		No cover, mate T6670-71
H6670-0D		No cover, mate T6670-7-D
H6670-0D1		No cover, mate T6670-71-D
H6670-0T2		No cover, mate T6670-72
H6670-0D2	Nylon 66 UL 94V-2 Phosphor bronze Tin-plated	No cover, mate T6670-72-D
H6670-2		None (Housing)
H6670-2T		No cover, mate T6670-7
H6670-2T1		No cover, mate T6670-71
H6670-2D		No cover, mate T6670-7-D
H6670-2D1		No cover, mate T6670-71-D
H6670-2T2		No cover, mate T6670-72
H6670-2D2		No cover, mate T6670-72-D

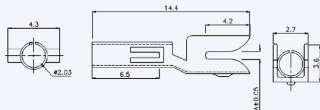


J-1

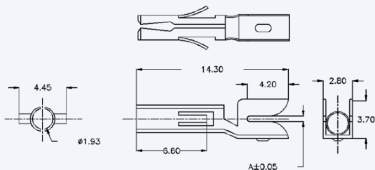
6670 Series

ORDERING INFORMATION AND DIMENSIONS:

Terminal:

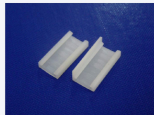


Part No.	Applicable wire range	Dia. A	Thickness
T6670-7	18AWG	0.6mm	0.3mm
T6670-71	22AWG	0.4mm	0.3mm
T6670-72	20AWG	0.5mm	0.3mm



Part No.	Wire range	Dimension A	Thickness
T6670-7-D	18AWG	0.6mm	0.25mm
T6670-71-D	22AWG	0.4mm	0.25mm
T6670-72-D	20AWG	0.5mm	0.25mm

Cover Type:



Part No.	Material	Cover Type
C6670-2F	Nylon 66 UL 94V-2	F TYPE Natural
C6670-2L		L TYPE Natural
C6670-2FB		F TYPE Black
C6670-2LB		L TYPE Black