



6681 Series

2.54mm(.100") Pitch

Disk Drive

Power Connection System

Crimp Terminal and Housing

FEATURES & BENEFITS:

- Very economical
- High reliable wire to wire and wire to board
- High density interconnection

SPECIFICATION:

Electrical:

- Voltage: 250V max
- Current rating: 2.5A max
- Contact Resistance: 10m ohm max
- Insulation Resistance: 1000M ohm min
- Dielectric Withstanding Voltage: 1500V AC/minute

Mechanical:

- Contact Retention to Housing: 2.5kg min.
- Contact Insertion Force: 1.0kg max
- Mating Force: 4.0kg max
- Unmating Force: 1.6kg min.
- Durability: 25 Cycles

Physical:

- Housing: Nylon 66, 94V-0 or 94V-2
- Contact: Phosphor Bronze or Brass
- Plating: Pre. Tin over Copper
- Temperature Range: -40°C to +85°C

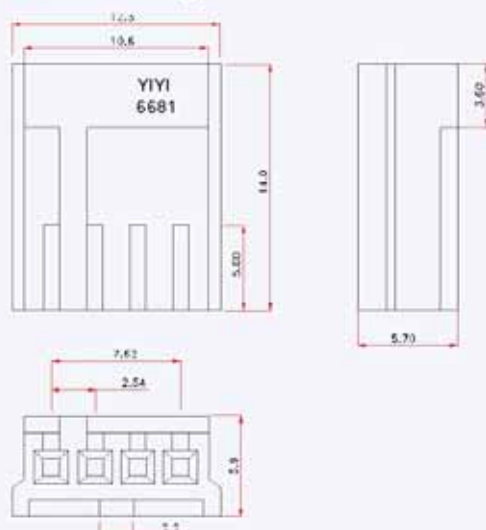


REFERENCE INFORMATION:

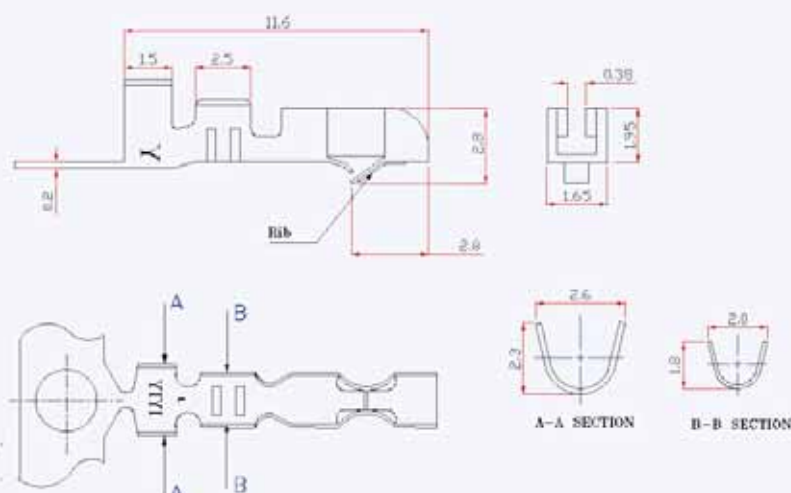
- UL File No.: E144574
- CSA File No.: LR80626
- TUV File No.: R9754111
- Mates With YIYI 2.54 Base or equivalent
- Package: Terminal - Reel, Housing - Bag
- Designed in : mm/Inch

ORDERING INFORMATION AND DIMENSIONS:

Housing:



Terminal:



Note:

Accept Terminal: YIYIT6681-* Series or equivalent

Part No.	Material	Color
H6681-004	Nylon 66 UL 94V-0	Natural
H6681-204	Nylon 66 UL 94V-2	
H6681-004B	Nylon 66 UL 94V-0	Black
H6681-204B	Nylon 66 UL 94V-2	

Note:

Use With H6681/H6681-P Series or equivalent

Part No.	Material	Finished	AWG
T6681-3	Brass	Pre. Tin-plated	#20~#24
T6681-7	Phosphor Bronze	Pre. Tin-plated	



6681-P Series

2.54mm(.100") Pitch

Disk Drive

Power Connection System

Crimp Terminal and Housing

FEATURES & BENEFITS:

- Very economical
- High reliable wire to wire and wire to board
- High density interconnection

SPECIFICATION:

✦ Electrical:

- Voltage: 250V max
- Current rating: 2.5A max
- Contact Resistance: 10m ohm max
- Insulation Resistance: 1000M ohm min
- Dielectric Withstanding Voltage: 1500V AC/minute

✦ Mechanical:

- Contact Retention to Housing: 2.5kg min.
- Contact Insertion Force: 1.0kg max
- Mating Force: 4.0kg max
- Unmating Force: 1.6kg min.
- Durability: 30 Cycles

✦ Physical:

- Housing: Nylon 66, 94V-0
- Temperature Range: -40°C to +85°C

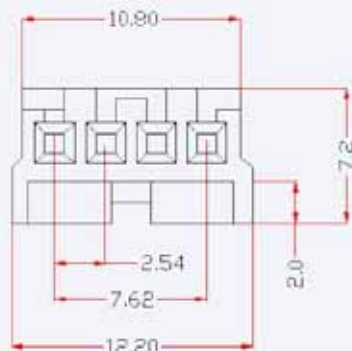
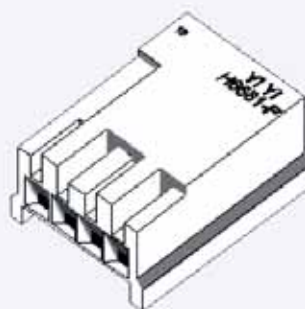


REFERENCE INFORMATION:

- UL File No.: E144574
- CSA File No.: LR80626
- TUV File No.: R9754111
- Mates With YIYI 6681 Series Terminal
- Mates With YIYI 2.54 Base
- Package: Terminal - Reel, Housing - Bag
- Designed in : mm

ORDERING INFORMATION AND DIMENSIONS:

Housing:



Note:
Accept Terminal : YIYI T6681 or equivalent

Part No.	Material
H6681-P004	Nylon 66 UL 94V-0

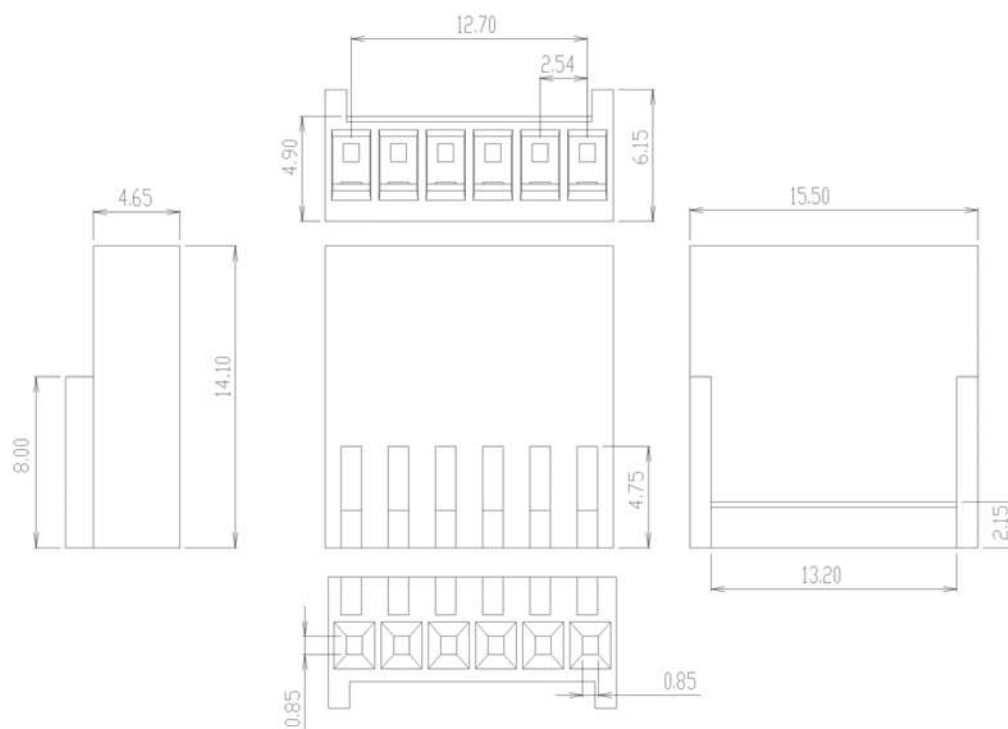


2.54mm Pitch Wire to board Connector

6681 Series

ORDERING INFORMATION AND DIMENSIONS:

Housing:



H6681-006E