



6658 Series

Mini - Fit

4.2mm pitch

Power Connector System

Crimp Terminal and Housing

FEATURES & BENEFITS:

- Dual row, with and without panel mount ears
- Wire to wire plug for panel-mounted or free-hanging applications
- Fully isolated terminal to protect contacts from damage
- Four gas-tight points of contact

SPECIFICATION:

✦ Electrical:

- Voltage: 600V
- Current rating: 9A
- Contact Resistance: 10m ohm max
- Dielectric Withstanding Voltage: 1500V AC
- Insulation Resistance: 1000M ohm min

✦ Mechanical:

- Contact Insertion Force: 1.5kg max
- Contact Retention to Housing : 3.0kg min
- Wire Pull-out Force : 9.0kg min(#18)
- Mating Force: 0.7kg/per circuit
- Unmating Force: 0.2kg/per circuit
- Durability: 30 Cycles

✦ Physical:

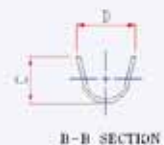
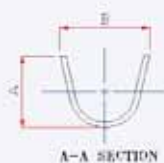
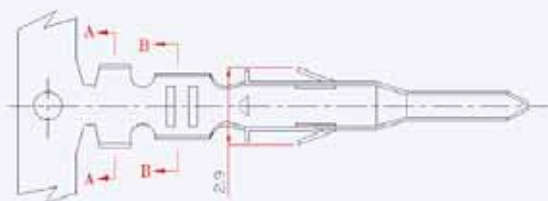
- Housing: Nylon 66, UL94V-0 or UL 94V-2
- Contact: Brass
- Plating: Pre. Tin over Copper
- Temperature Range: -40°C to +105°C

REFERENCE INFORMATION:

- UL File No.: E144574
- CSA File No.: LR80626-6
- Mates with YIYI 6658 Series terminal or equivalent and YIYI 6669 Series Base
- Package: Terminal - Reel, Housing - Bag
- Designed in : mm

ORDERING INFORMATION AND DIMENSIONS:

Terminal:



ORDERING INFORMATION AND DIMENSIONS

Part No.	Dimension				Wire size (AWG)	Max dia INS(MM)	Material	Finish
	A	B	C	D				
T6658-31M	2.3	2.3	1.65	1.8	#24~#28	1.8	Brass	Pre. TIN Plated
T6658-32M	4.5	3.6	2.3	1.9	#18~#22	3.1		
T6658-33M	4.5	3.6	2.8	2.4	#16			



6658 Series

Mini - Fit

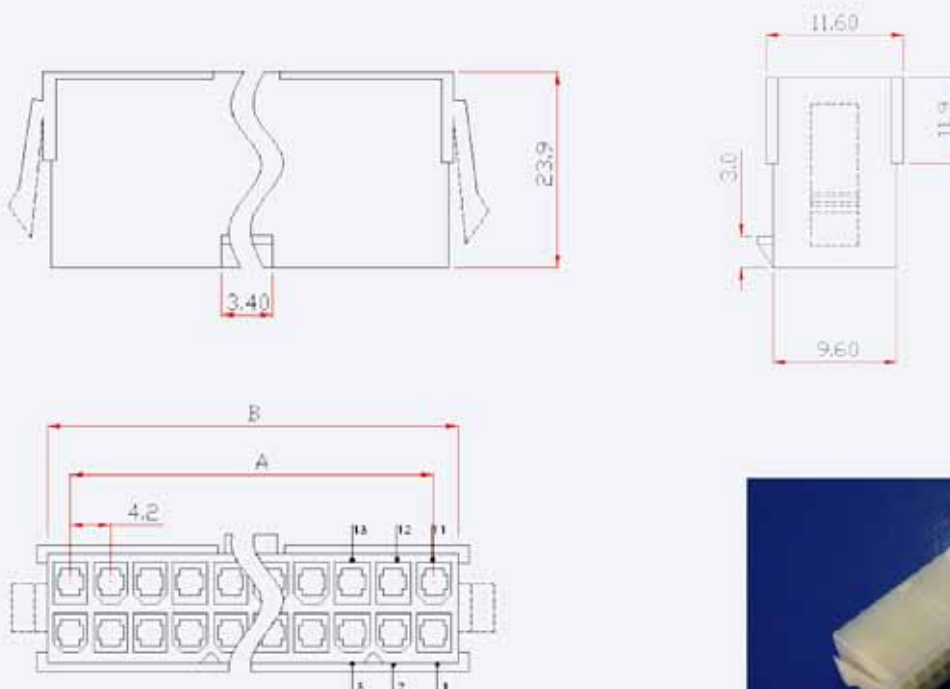
4.2mm pitch

Power Connector System

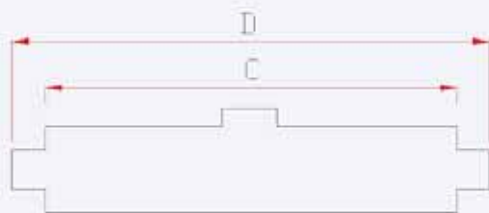
Crimp Terminal and Housing

ORDERING INFORMATION AND DIMENSIONS:

Housing:



Mounting Hole Details for H6659-**** Housing
Max. Panel Thickness 2.54mm



Accept Terminal: T6658

Mates With: H6657 Series Housing

Dimensional & Ordering Information (mm)

Part No.		Circuits	Dimension				Material
Without Ears	With Ears		A	B	C	D	
H6659-*021F	H6659-*022F	2	---	5.4	5.8	10.8	Nylon66 *-'2'
H6659-*041F	H6659-*042F	4	4.2	9.6	10.0	15.0	
H6659-*061F	H6659-*062F	6	8.4	13.8	14.2	19.2	
H6659-*081F	H6659-*082F	8	12.6	18.0	18.4	23.4	
H6659-*101F	H6659-*102F	10	16.8	22.2	22.6	27.6	
H6659-*121F	H6659-*122F	12	21.0	26.4	26.8	31.8	
H6659-*141F	H6659-*142F	14	25.2	30.6	31.0	36.0	
H6659-*161F	H6659-*162F	16	29.4	34.8	35.2	40.2	
H6659-*181F	H6659-*182F	18	33.6	39.0	39.4	44.4	
H6659-*201F	H6659-*202F	20	37.8	43.2	43.6	48.6	
H6659-*221F	H6659-*222F	22	42.0	47.4	47.8	52.8	UL94V-0
H6659-*241F	H6659-*242F	24	46.2	51.6	52.0	57.0	