

Temperature Rise: (Carrying rated current load) 30°C max.

# **High Current/High Density Power Connector System**

The power Connector series is designed for high current / high density applications which require the design flexibility of wire to wire and wire to board configurations in the interconnection system. The power connector system is appropriate for both power and signal applications as it can carry currents of up to 9 amperes per circuit.

## 4257T Series 4256T Series **Crimp Terminal Crimp Terminal** inches mm 16.9 .102 .083 079 20 £ .067 Specifications: Mechanical:

- Electrical:
- Voltage Rating: 600V (R.M.S.) Contact Resistance:  $10m\Omega$  max. Dielectric strength: 1500V AC
- UL File No. : E114003
- CSA File No. : LR86545

Part No.	Wire Size (AWG)	Max. Ins. Dia. (mm)	Material	Thickness (mm)	Finish	Chain Type
4256T1	#22 ~ #28	1.8	Brass	nor e 0.2	Tin-plated	End Chain
4256T2	#18 ~ #24					
4256T3	#16	3.1				
4256TP1	#22 ~ #28	1.8	Phosphor Bronze			
4256TP2	#18 ~ #24	2.1				
4256TP3	#16	3.1				
4257T1	#22 ~ #28	1.8	Brass			
4257T2	#18 ~ #24	2.1				
4257T3	#16	3.1				

### **Ordering & Dimensional Information:**



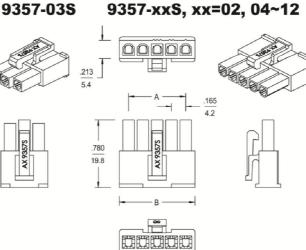
# .165"(4.2mm) Single Row Connection System

## 9357-xxS **Receptacle Housing**

inches mm

- 2 ~ 12 circuits available
- Material: UL 94V-2 nylon 66
- Accepts ALEX 4256T terminal
- Mates with ALEX 9358-xxS housing
- Mates with ALEX 9359-xxS, 9360-xxS headers •
- UL file No.: E114003





### Dimensional Information - (mm) 9357-xxS / 9358-xxS

Circuits	Dim. A	Dim. B	Dim. C
N	4.2 x ( N - 1 )	4.2 x N + 1.2	4.2 x N + 6.6

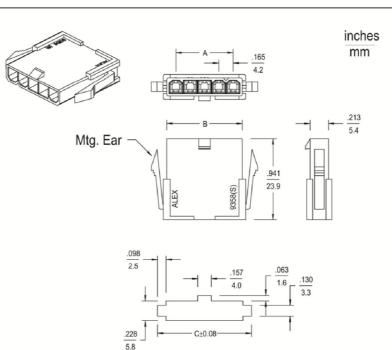
&& N = 2 ~ 12

## 9358-xxS **Plug Housing**

- 2 ~ 12 circuits available
- Material: UL 94V-2 nylon 66
- Accepts ALEX 4257T series terminals
- Mates with ALEX 9357-xxS housing
- UL file No.: E114003

#### **Ordering Information**

Part No.	Feature		
9358-xxSE	With Mtg. Ears		
9358-xxS	Without Mtg. Ears		
&& xx = 02 ~ 12			



### Panel cutout (Max. panel thickness: .079"(2.0mm))

# .165"(4.2mm) Single Row Connection System

9359-xxS **Vertical Header** 

- 2 ~ 12 circuits available
- Mates with ALEX 9357-xxS housing

**LEX** 

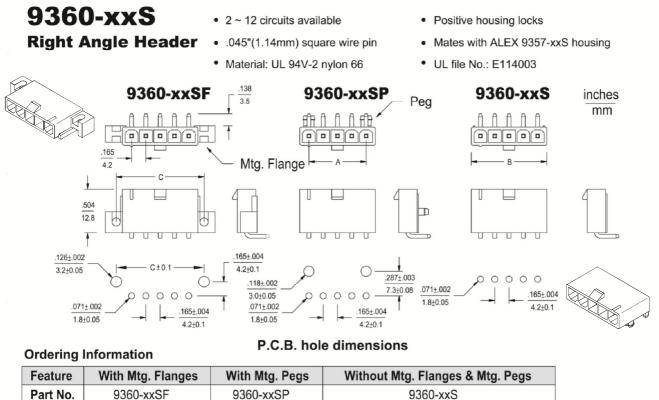
• UL file No.: E114003

#### Dimensional Information (mm) 9359-xxS / 9360-xxS

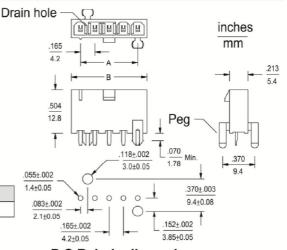
Circuits	Dim. A	Dim. B	Dim. C		
N	4.2 x ( N - 1 )	4.2 x N + 1.2	4.2 x N + 4.8		
88 N - 2~12					



Feature -	With Pegs		Without Pegs		Material
	With drain holes	Without drain holes	With drain holes	Without drain holes	Material
Part No.	9359-xxSDP-46	9359-xxSP-46	9359-xxSD-46	9359-xxS-46	Nylon 46
&& xx = 02-12					



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P.C.B. hole dimensions