

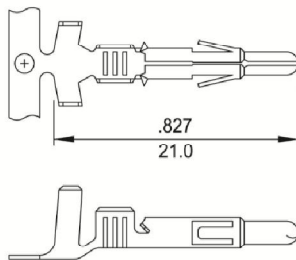
**ALEX**

.25"(6.35mm) Pitch Power Connectors

70T

Male Crimp Terminal

70T-x214: Used in ALEX 9635-N series housing
(1 ~ 5 circuits)

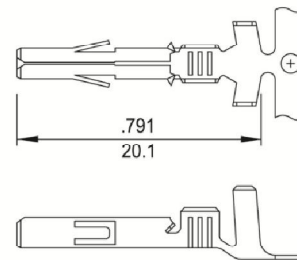


71T

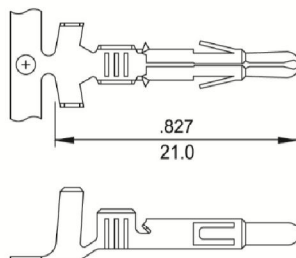
Female Crimp Terminal

inches
mm

71T-xx24: Used in ALEX 9635-N series housing
(1 ~ 15 circuits)



70T-x2L4: Used in ALEX 9635-N series housing
(6 ~ 15 circuits)



Ordering Information

Part No.	Material	Finished	Thickness	Wire range
70T-S214	Brass	Tin-plated	0.3mm	#18 ~ #22
70T-S214				#16 ~ #20
70T-D214				#12 ~ #14
70T-S2L4				#18 ~ #22
70T-S2L4				#16 ~ #20
70T-D2L4				#12 ~ #14
71T-S224				#18 ~ #22
71T-S224	#16 ~ #20			
71T-D224	#12 ~ #14			
71T-S524	Phosphor bronze			#18 ~ #22
71T-S524				#16 ~ #20
71T-D524				#12 ~ #14

9635-N Series

Features / Dimensions:

- 1 ~ 10, 12, 15 circuits available
- UL 94V-2 nylon 66
- Accepts ALEX 70T, 71T terminals

- Standard color: Nature
- Integrally molded polarization
- Friction lock
- UL file No.: E114003
- CSA file No.: LR 86545

Circuits	Dimensional Information	
	Plug	Receptacle
1	9635-01P	9635-01R
	inches mm	inches mm

**ALEX**

.250" (6.35mm) Pitch Power Connectors

Circuits	Dimensional Information	
	Plug	Receptacle
2	9635-02P	9635-02R
3	9635-03P	9635-03R
4	9635-04P	9635-04R



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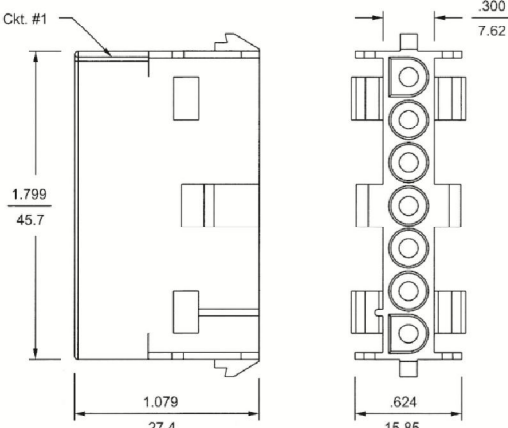
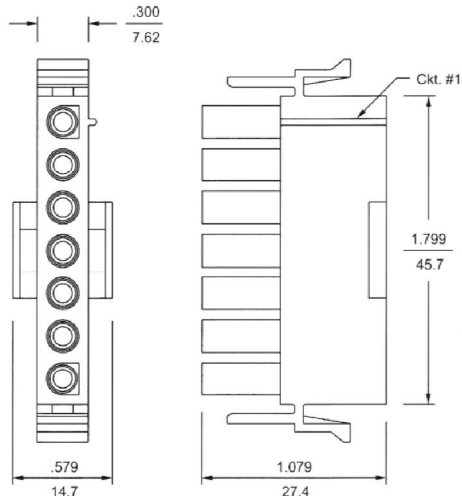
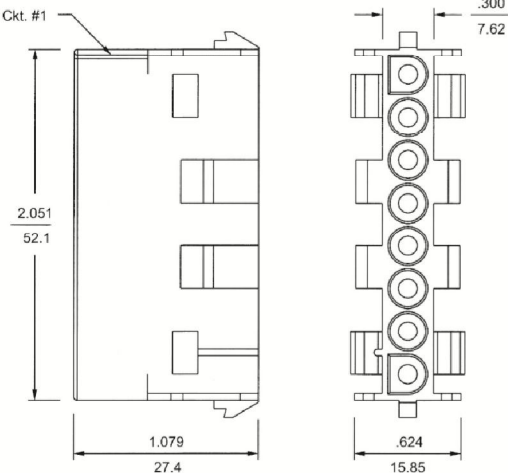
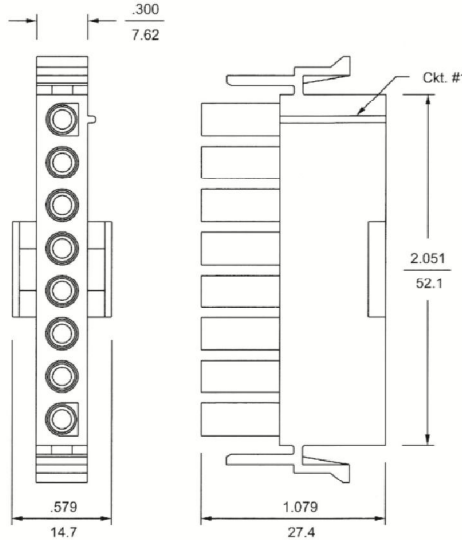
.250"(6.35mm) Pitch Power Connectors

Circuits	Dimensional Information	
	Plug	Receptacle
5	9635-05P 	9635-05R
6	9635-06P-S 	9635-06R-S
6	9635-06P 	9635-06R



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.250"(6.35mm) Pitch Power Connectors

Circuits	Dimensional Information	
	Plug	Receptacle
7	9635-07P 	9635-07R 
	9635-08P 	9635-08R 



ALEX

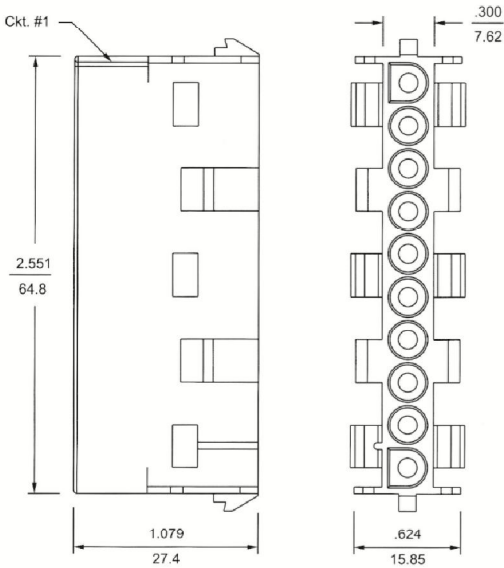
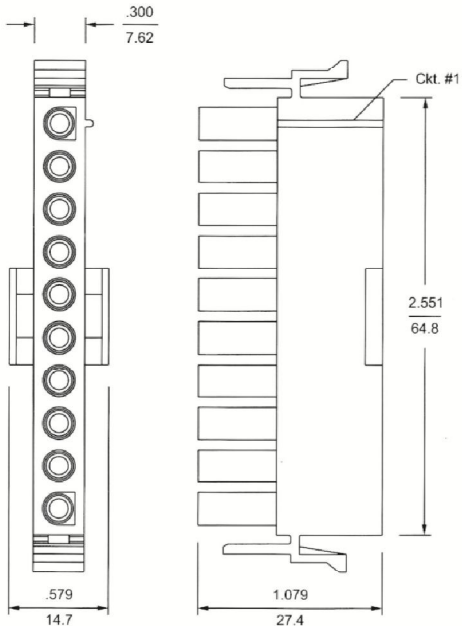
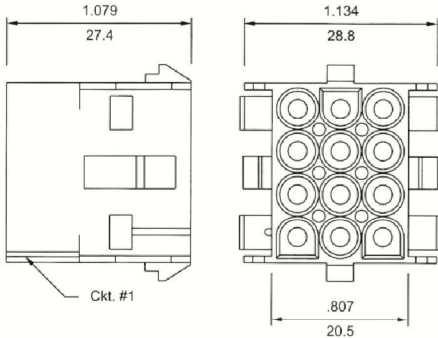
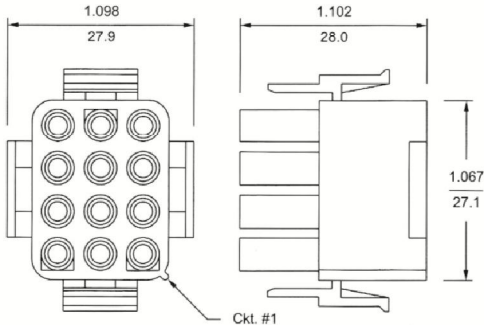
.250"(6.35mm) Pitch Power Connectors

Circuits	Dimensional Information	
	Plug	Receptacle
9	9635-09P-S Side View: Height 2.299 (58.4), Width 1.079 (27.4). Front View: Pitch .300 (7.62), Contact Width .624 (15.85), Circuit #1.	9635-09R-S Side View: Height 2.299 (58.4), Width 1.079 (27.4). Front View: Pitch .300 (7.62), Contact Width .579 (14.7), Circuit #1.
	9635-09P Side View: Height 1.079 (27.4), Width 1.130 (28.7). Front View: Contact Width .807 (20.5), Circuit #1.	9635-09R Side View: Height 1.091 (27.7), Width 1.102 (28.0). Front View: Contact Width .807 (20.5), Circuit #1.



ALEX

.250"(6.35mm) Pitch Power Connectors

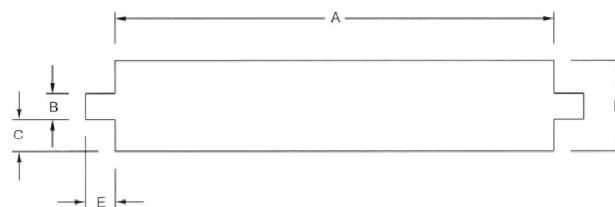
Circuits	Dimensional Information	
	Plug	Receptacle
10	9635-10P 	9635-10R 
12	9635-12P 	9635-12R 



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.250" (6.35mm) Pitch Power Connectors

Circuits	Dimensional Information	
	Plug	Receptacle
15	9635-15P 	9635-15R



Recommended Panel Dim.

Dimensional Information - in (mm)

Circuits	Part No.	Dim. A		Dim. C	Dim. D	Dim. E
2	9635-02P	0.565 (14.35)	0.340 (8.64)	0.095 (2.41)	0.530 (13.46)	0.175 (4.45)
3	9635-03P	0.815 (20.70)				
4	9635-04P	1.065 (27.05)				
5	9635-05P	1.315 (33.40)				
6	9635-06P-S	1.567 (39.80)	0.154 (3.90)	0.189 (4.80)	0.531 (13.50)	0.126 (3.20)
6	9635-06P	0.565 (14.35)	0.480 (12.20)	0.275 (6.98)	1.030 (26.16)	0.175 (4.45)
7	9635-07P	1.817 (46.15)	0.154 (3.90)	0.189 (4.80)	0.531 (13.50)	0.126 (3.20)
8	9635-08P	2.067 (52.50)				
9	9635-09P-S	2.317 (58.85)				
9	9635-09P	0.815 (20.70)	0.480 (12.20)	0.275 (6.98)	1.030 (26.16)	0.175 (4.45)
10	9635-10P	2.567 (65.20)	0.154 (3.90)	0.189 (4.80)	0.531 (13.50)	0.126 (3.20)
12	9635-12P	1.065 (27.05)	0.480 (12.20)	0.275 (6.98)	1.030 (26.16)	0.175 (4.45)
15	9635-15P	1.315 (33.40)				

&& Recommended panel thickness: .03" ~ .09" (0.762 ~ 2.286mm)

Panel must be punched so that housing enters panel in same direction as the punch.

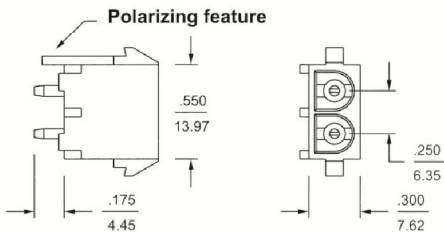
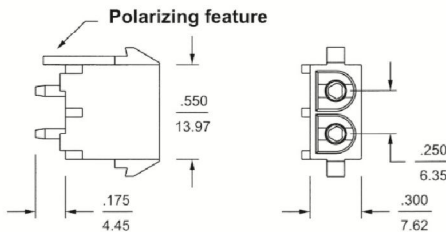
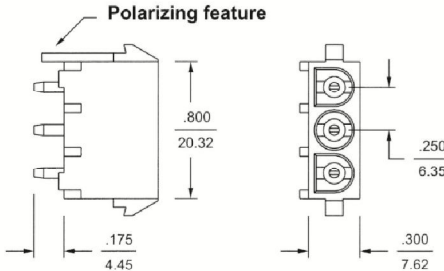
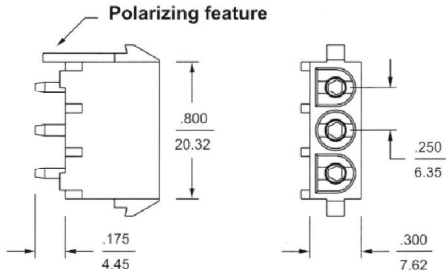
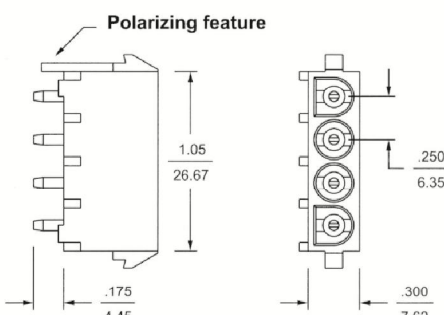
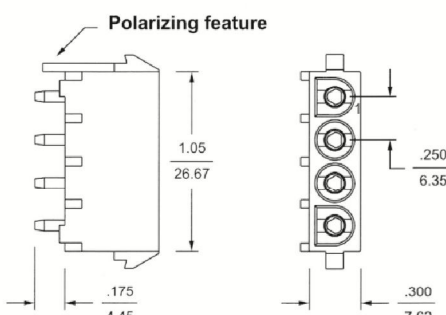
**ALEX**

.250" (6.35mm) Pitch Power Connectors

9635-xxW Series Vertical Header

inches
mm

- 2 ~ 15 circuits available
- Material: UL 94V-2 nylon 66
- Mates with ALEX 9635-xxR housing
- Standard color: Nature
- UL file No.: E114003
- CSA file No.: LR86545

Circuits	Dimensional Information	
	With Male Pins	With Female Pins
2	9635-02WP 9635-02W (Without Polarizing feature) 	9635-02WFP 9635-02WF (Without Polarizing feature) 
3	9635-03WP 9635-03W (Without Polarizing feature) 	9635-03WFP 9635-03WF (Without Polarizing feature) 
4	9635-04WP 9635-04W (Without Polarizing feature) 	9635-04WFP 9635-04WF (Without Polarizing feature) 



ALEX

.250"(6.35mm) Pitch Power Connectors

Circuits	Dimensional Information	
	With Male Pins	With Female Pins
5	9635-05WP 9635-05W (Without Polarizing feature) Polarizing feature	9635-05WFP 9635-05WF (Without Polarizing feature) Polarizing feature
6	9635-06WP-S 9635-06W-S (Without Polarizing feature) Polarizing feature	9635-06WFP-S 9635-06WF-S (Without Polarizing feature) Polarizing feature
6	9635-06WP 9635-06W (Without Polarizing feature) Polarizing feature	9635-06WFP 9635-06WF (Without Polarizing feature) Polarizing feature



ALEX

.250"(6.35mm) Pitch Power Connectors

Circuits	Dimensional Information	
	With Male Pins	With Female Pins
7	9635-07WP 9635-07W (Without Polarizing feature) Polarizing feature 1.80 45.72 .175 4.45 .250 6.35 .300 7.62	9635-07WFP 9635-07WF (Without Polarizing feature) Polarizing feature 1.80 45.72 .175 4.45 .250 6.35 .300 7.62
	9635-08WP 9635-08W (Without Polarizing feature) Polarizing feature 2.05 52.07 .175 4.45 .250 6.35 .300 7.62	9635-08WFP 9635-08WF (Without Polarizing feature) Polarizing feature 2.05 52.07 .175 4.45 .250 6.35 .300 7.62



ALEX

.250"(6.35mm) Pitch Power Connectors

Circuits	Dimensional Information	
	With Male Pins	With Female Pins
9	9635-09WP-S 9635-09W-S (Without Polarizing feature)	9635-09WFP-S 9635-09WF-S (Without Polarizing feature)
	9635-09WP 9635-09W (Without Polarizing feature)	9635-09WFP 9635-09WF (Without Polarizing feature)



ALEX

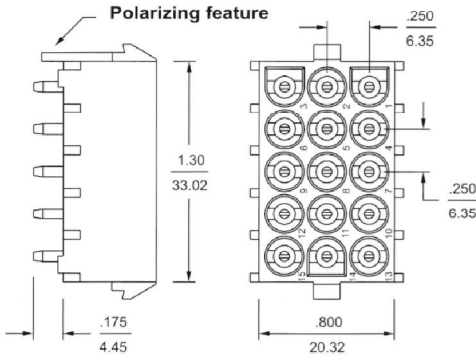
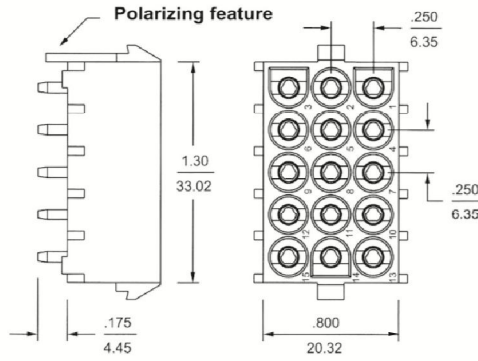
.250"(6.35mm) Pitch Power Connectors

Circuits	Dimensional Information	
	With Male Pins	With Female Pins
10	9635-10WP 9635-10W (Without Polarizing feature)	9635-10WFP 9635-10WF (Without Polarizing feature)
	9635-12WP 9635-12W (Without Polarizing feature)	9635-12WFP 9635-12WF (Without Polarizing feature)

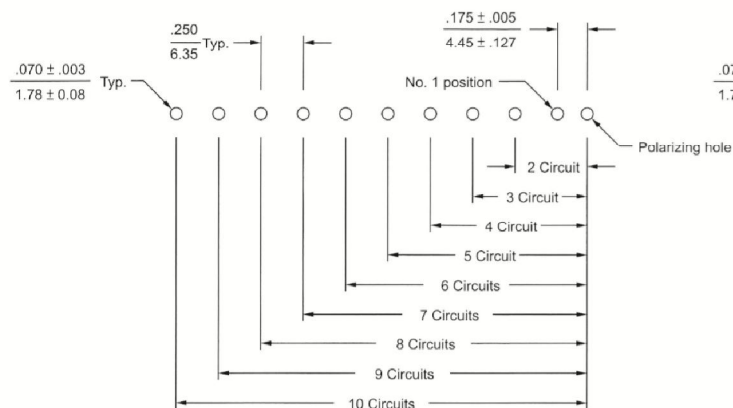


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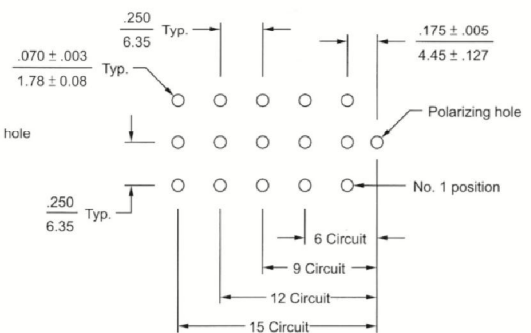
.250"(6.35mm) Pitch Power Connectors

Circuits	Dimensional Information	
	With Male Pins	With Female Pins
15	9635-15WP 9635-15W (Without Polarizing feature)	9635-15WFP 9635-15WF (Without Polarizing feature)
		

2 ~ 10 circuits:



6 ~ 15 circuits:



P. C. board hole dimensions

**ALEX**

.250"(6.35mm) Right Angle Header

Specifications:

- Current rating: 13A (2~4P), 11A (6~10P)
- Voltage rating: 600V
- Dielectric withstanding voltage: 5000V AC/minute
- Ambient temperature rise: -55 °C ~ 105 °C
- UL file No. : E114003

9635-xxWR Series Right Angle Header

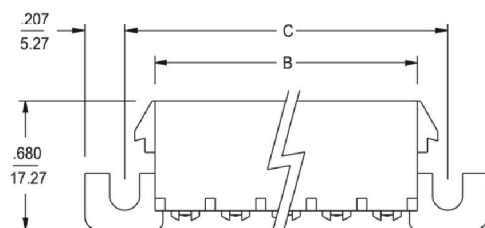
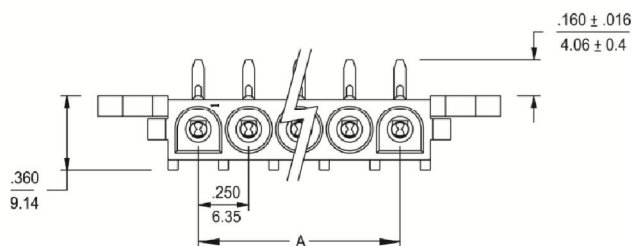
inches
mm

- 2 ~ 10 circuits available
- Pin Material: Tin-plated phosphor bronze
- Mates with ALEX 9635-xxR housing

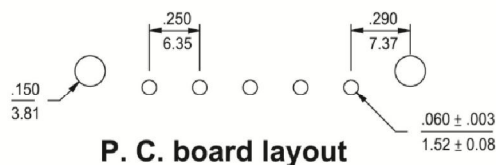
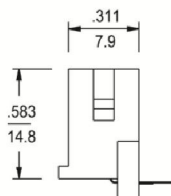
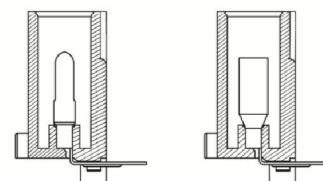
Ordering Information

Part No.	Insulation material	Color
9635-xxWR	UL 94V-2	Nature
9635-xxWRF		
9635-xxWR-V0	UL 94V-0	White
9635-xxWRF-V0		

&& xx = 02 ~ 10



9635-xxWR 9635-xxWRF



P. C. board layout

Dimensional Information (mm)

Circuits	Dim. A	Dim. B	Dim. C	Circuits	Dim. A	Dim. B	Dim. C
2	0.25 (6.35)	0.55 (13.97)	0.83 (21.08)	7	1.50 (38.10)	1.80 (45.72)	2.08 (52.83)
3	0.50 (12.70)	0.80 (20.32)	1.08 (27.43)	8	1.75 (44.45)	2.05 (52.07)	2.33 (59.18)
4	0.75 (19.05)	1.05 (26.67)	1.33 (33.78)	9	2.00 (50.80)	2.30 (58.42)	2.58 (65.53)
5	1.00 (25.40)	1.30 (33.02)	1.58 (40.13)	10	2.25 (57.15)	2.55 (64.77)	2.83 (71.88)
6	1.25 (31.75)	1.55 (39.37)	1.83 (46.48)				