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# .100"(2.54mm) IDC Connector

## Specifications:

- Current rating: 3A AC, DC
- Voltage rating: 250V AC Max.
- Dielectric Strength: 1500V AC/minute
- Insulation resistance: 1000MΩ Min.
- Contact resistance: Initial value / 10mΩ Max.  
After environmental testing / 20mΩ Max.
- Ambient temperature range: -40℃ ~ 105℃  
( Including temperature rise )

## 9254-xx Series Closed End and Feed-Thru Connectors

inches  
mm

- 2 ~ 24 circuits available
- Housing material: UL 94V-2 nylon 66
- Terminal material: Tin-plated phosphor bronze
- With or without polarizing tabs
- With locking ramp
- Through and end type
- Wire range: #22 ~ #28 AWG (Flat ribbon wire)
- Mates with ALEX 254C-xx cover
- UL file No.: E114003

### Note:

xx: Number of circuits, 02 ~ 24

E: Closed end type

T: Feed-Thru type

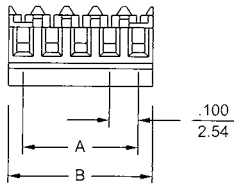
C: Color

Z: With polarizing rib

| C | Color | Wire size |
|---|-------|-----------|
| 2 | Red   | #22       |
| 9 | White | #24       |
| 6 | Blue  | #26       |
| 5 | Green | #28       |

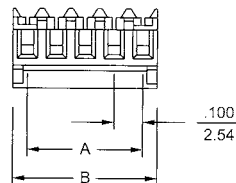
### 9254-xxE-C

- Closed end type
- Without Polarizing rib



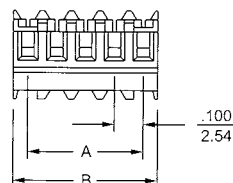
### 9254-xxE-C-Z

- Closed end type
- With Polarizing rib



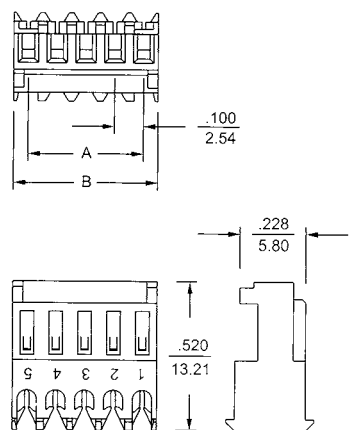
### 9254-xxT-C

- Feed-Thru type
- Without Polarizing rib



### 9254-xxT-C-Z

- Feed-Thru type
- With Polarizing rib



## Dimensional Information - in ( mm )

| Circuits | Dim. A        | Dim. B        | Circuits | Dim. A        | Dim. B        | Circuits | Dim. A        | Dim. B        |
|----------|---------------|---------------|----------|---------------|---------------|----------|---------------|---------------|
| 2        | 0.100 ( 2.54) | 0.200 ( 5.08) | 10       | 0.900 (22.86) | 1.000 (25.40) | 18       | 1.700 (43.18) | 1.800 (45.72) |
| 3        | 0.200 ( 5.08) | 0.300 ( 7.62) | 11       | 1.000 (25.40) | 1.100 (27.94) | 19       | 1.800 (45.72) | 1.900 (48.26) |
| 4        | 0.300 ( 7.62) | 0.400 (10.16) | 12       | 1.100 (27.94) | 1.200 (30.48) | 20       | 1.900 (48.26) | 2.000 (50.80) |
| 5        | 0.400 (10.16) | 0.500 (12.70) | 13       | 1.200 (30.48) | 1.300 (33.02) | 21       | 2.000 (50.80) | 2.100 (53.34) |
| 6        | 0.500 (12.70) | 0.600 (15.24) | 14       | 1.300 (33.02) | 1.400 (35.56) | 22       | 2.100 (53.34) | 2.200 (55.88) |
| 7        | 0.600 (15.24) | 0.700 (17.78) | 15       | 1.400 (35.56) | 1.500 (38.10) | 23       | 2.200 (55.88) | 2.300 (58.42) |
| 8        | 0.700 (17.78) | 0.800 (20.32) | 16       | 1.500 (38.10) | 1.600 (40.64) | 24       | 2.300 (58.42) | 2.400 (60.96) |
| 9        | 0.800 (20.32) | 0.900 (22.86) | 17       | 1.600 (40.64) | 1.700 (43.18) |          |               |               |