



## DYNAMIC D1000 SLIM WIRE-TO-WIRE CONNECTOR

Dynamic D1000 slim small wire-to-wire connector is suitable for narrow spaces in small industrial equipment and small machinery applications. The size of the D1000 is 80% smaller than the D1200 series with low interference risk and streamlined design.

Keying and the locking feature provides reliability and reduces unexpected unmating and lever breakage in narrow spaces such as robotic arms and other customer applications.

### BENEFITS

- Smaller size increases the connectivity per used space
- Reducing risk of connector breakage by interference in narrow space
- Reliability increased as the user can hear when connector is properly locked
- Easy mating and crimping process to speed up installation time

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### APPLICATIONS

- Robotics
  - Small industrial robot
  - Collaborative robot
  - Scala robot
- Automatic-guided vehicle (AGV)
- Servo motor
- Sensors

### ELECTRICAL

- **Current rating:** 4.5A/pos  
(at 4pos AWG #22 **Temperature rising:** 30°C max)
- **Voltage rating:** AC/DC 250V max
- **Withstand voltage:** AC 1,500 V/1 minutes

### PART NUMBER LIST

Part Number	Part Description
1-2366515-4	REC HSG X 4pos
2-2366515-4	REC HSG Y 4pos
1-2366600-4	TAB HSG X 4pos
2-2366600-4	TAB HSG Y 4pos
1-2366515-6	REC HSG X 6pos
2-2366515-6	REC HSG Y 6pos
1-2366600-6	TAB HSG X 6pos
2-2366600-6	TAB HSG Y 6pos
1-2366515-8	REC HSG X 8pos
2-2366515-8	REC HSG Y 8pos
1-2366600-8	TAB HSG X 8pos
2-2366600-8	TAB HSG Y 8pos

### MECHANICAL

- **Mating times:** 30

### MATERIALS

- **HSG:** Thermo plastic, UL 94V-0, black
- **Contact:** Copper alloy

### SPECIFICATIONS

- **Applicable wire size:** AWG #22 to #30
- **Applicable temperature:** -55°C to +125°C

Part Number	Part Description
3-2366515-2	REC HSG X 12pos
4-2366515-2	REC HSG Y 12pos
3-2366600-2	TAB HSG X 12pos
4-2366600-2	TAB HSG Y 12pos
2367817-2	REC Cont M size Au
2367818-2	REC Cont M size Au L/P
2367819-2	TAB Cont M size Au
2367820-2	TAB Cont M size Au L/P
2367817-1	REC Cont S size Au
2367818-1	REC Cont S size Au L/P
2367819-1	TAB Cont S size Au
2367820-1	TAB Cont S size Au L/P

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