



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

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 LIST

Part Type	Part Description	Black	Natural	Blue
REC Housing	REC HSG 2P X KEY	1-2375948-2	5-2375948-2	7-2375948-2
	REC HSG 2P Y KEY	2-2375948-2	6-2375948-2	8-2375948-2
	REC HSG 3P X KEY	1-2375948-3	5-2375948-3	7-2375948-3
	REC HSG 3P Y KEY	2-2375948-3	6-2375948-3	8-2375948-3
	REC HSG 4P X KEY	1-2366515-4	5-2366515-4	7-2366515-4
	REC HSG 4P Y KEY	2-2366515-4	6-2366515-4	8-2366515-4
	REC HSG 5P X KEY	1-2375948-5	-	-
	REC HSG 5P Y KEY	2-2375948-5	-	-
	REC HSG 6P X KEY	1-2366515-6	5-2366515-6	7-2366515-6
	REC HSG 6P Y KEY	2-2366515-6	6-2366515-6	8-2366515-6
	REC HSG 7P X KEY	1-2375948-7	-	-
	REC HSG 7P Y KEY	2-2375948-7	-	-
	REC HSG 8P X KEY	1-2366515-8	5-2366515-8	7-2366515-8
	REC HSG 8P Y KEY	2-2366515-8	6-2366515-8	8-2366515-8
	REC HSG 9P X KEY	1-2375948-9	-	-
	REC HSG 9P Y KEY	2-2375948-9	-	-

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Part Type	Part Description	Black	Natural	Blue
REC Housing	REC HSG 12P X KEY	3-2366515-2	5-2366515-2	7-2366515-2
	REC HSG 12P Y KEY	4-2366515-2	6-2366515-2	8-2366515-2
	REC HSG 18P X KEY	1-2423582-8	-	-
	REC HSG 18P Y KEY	2-2423582-8	-	-
	REC HSG 24P X KEY	1-2420333-4	-	-
	REC HSG 24P Y KEY	2-2420333-4	-	-
TAB Housing	TAB HSG 2P X KEY	1-2375951-2	5-2375951-2	7-2375951-2
	TAB HSG 2P Y KEY	2-2375951-2	6-2375951-2	8-2375951-2
	TAB HSG 3P X KEY	1-2375951-3	5-2375951-3	7-2375951-3
	TAB HSG 3P Y KEY	2-2375951-3	6-2375951-3	8-2375951-3
	TAB HSG 4P X KEY	1-2366600-4	5-2366600-4	7-2366600-4
	TAB HSG 4P Y KEY	2-2366600-4	6-2366600-4	8-2366600-4
	TAB HSG 5P X KEY	1-2375951-5	-	-
	TAB HSG 5P Y KEY	2-2375951-5	-	-
	TAB HSG 6P X KEY	1-2366600-6	5-2366600-6	7-2366600-6
	TAB HSG 6P Y KEY	2-2366600-6	6-2366600-6	8-2366600-6
	TAB HSG 7P X KEY	1-2375951-7	-	-
	TAB HSG 7P Y KEY	2-2375951-7	-	-
	TAB HSG 8P X KEY	1-2366600-8	5-2366600-8	7-2366600-8
	TAB HSG 8P Y KEY	2-2366600-8	6-2366600-8	8-2366600-8
	TAB HSG 9P X KEY	1-2375951-9	-	-
	TAB HSG 9P Y KEY	2-2375951-9	-	-
	TAB HSG 12P X KEY	3-2366600-2	5-2366600-2	7-2366600-2
	TAB HSG 12P Y KEY	4-2366600-2	6-2366600-2	8-2366600-2
	TAB HSG 18P X KEY	1-2423584-8	-	-
	TAB HSG 18P Y KEY	2-2423584-8	-	-
TAB HSG 24P X KEY	1-2420334-4	-	-	
TAB HSG 24P Y KEY	2-2420334-4	-	-	

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Part Type	Part Description	Part Number
<u>REC Contact</u>	REC Cont M size Au	<u>2367817-2</u>
	REC Cont M size Au L/P	<u>2367818-2</u>
	REC Cont S size Au	<u>2367817-1</u>
	REC Cont S size Au L/P	<u>2367818-1</u>
<u>TAB Contact</u>	TAB Cont M size Au	<u>2367819-2</u>
	TAB Cont M size Au L/P	<u>2367820-2</u>
	TAB Cont S size Au	<u>2367819-1</u>
	TAB Cont S size Au L/P	<u>2367820-1</u>

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