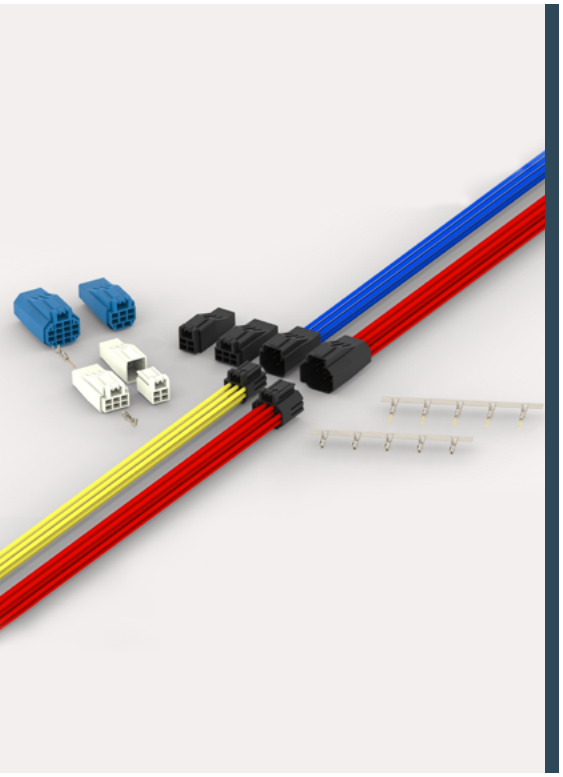


DYNAMIC D1000 SLIM CONNECTOR

Dynamic D1000 slim small wire-to-board and wire-to-wire connector is suitable for narrow and Robotic applications spaces in small industrial equipment, small machinery applications.
The size of the D1000 Slim is 50% smaller than the D1200 series with low interference risk and streamlined design.

Dynamic D-1000 slim Series provide gold plated contacts to maintain its high reliability and also tin plated contacts for economical market needs. Customers can choose their own contacts according to specifications, applications and cost.

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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DYNAMIC D1000 SLIM CONNECTOR

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
HDR Au Plating	D1SLIM HDR V ASSY Au X 2P	1-2498846-2	-	-
	D1SLIM HDR V ASSY Au Y 2P	2-2498846-2	-	-
	D1SLIM HDR V ASSY Au X 3P	1-2498846-3	-	-
	D1SLIM HDR V ASSY Au Y 3P	2-2498846-3	-	-
	D1SLIM HDR V ASSY Au X 4P	1-2498846-4	-	-
	D1SLIM HDR V ASSY Au Y 4P	2-2498846-4	-	-
	D1SLIM HDR V ASSY Au X 6P	1-2498846-6	-	-
	D1SLIM HDR V ASSY Au Y 6P	2-2498846-6	-	-
	D1SLIM HDR V ASSY Au X 8P	1-2498846-8	-	-
	D1SLIM HDR V ASSY Au Y 8P	2-2498846-8	-	-

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DYNAMIC D1000 SLIM CONNECTOR

Part Type	Part Description	Black	Natural	Blue
HDR Tin Plating	D1SLIM HDR V ASSY Tin X 2P	1-2499863-2	-	-
	D1SLIM HDR V ASSY Tin Y 2P	2-2499863-2	-	-
	D1SLIM HDR V ASSY Tin X 3P	1-2499863-3	-	-
	D1SLIM HDR V ASSY Tin Y 3P	2-2499863-3	-	-
	D1SLIM HDR V ASSY Tin X 4P	1-2499863-4	-	-
	D1SLIM HDR V ASSY Tin Y 4P	2-2499863-4	-	-
	D1SLIM HDR V ASSY Tin X 6P	1-2499863-6	-	-
	D1SLIM HDR V ASSY Tin Y 6P	2-2499863-6	-	-
	D1SLIM HDR V ASSY Tin X 8P	1-2499863-8	-	-
	D1SLIM HDR V ASSY Tin Y 8P	2-2499863-8	-	-
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	5-2375948-5	7-2375948-5
	REC HSG 5P Y KEY	2-2375948-5	6-2375948-5	8-2375948-5
	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	5-2375948-7	7-2375948-7
	REC HSG 7P Y KEY	2-2375948-7	6-2375948-7	8-2375948-7
	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	5-2375948-9	7-2375948-9
	REC HSG 9P Y KEY	2-2375948-9	6-2375948-9	8-2375948-9

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DYNAMIC D1000 SLIM CONNECTOR

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	5-2423582-8	7-2423582-8
	REC HSG 18P Y KEY	2-2423582-8	6-2423582-8	8-2423582-8
	REC HSG 24P X KEY	1-2420333-4	5-2420333-4	7-2420333-4
	REC HSG 24P Y KEY	2-2420333-4	6-2420333-4	8-2420333-4
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	5-2375951-5	7-2375951-5
	TAB HSG 5P Y KEY	2-2375951-5	6-2375951-5	8-2375951-5
	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	5-2375951-7	7-2375951-7
	TAB HSG 7P Y KEY	2-2375951-7	6-2375951-7	8-2375951-7
	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	5-2375951-9	7-2375951-9
	TAB HSG 9P Y KEY	2-2375951-9	6-2375951-9	8-2375951-9
	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	5-2423584-8	7-2423584-8
	TAB HSG 18P Y KEY	2-2423584-8	6-2423584-8	8-2423584-8
	TAB HSG 24P X KEY	1-2420334-4	5-2420334-4	7-2420334-4
	TAB HSG 24P Y KEY	2-2420334-4	6-2420334-4	8-2420334-4

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DYNAMIC D1000 SLIM CONNECTOR

Part Type	Part Description	Part Number
REC Contact Au Plating	REC Cont M size Au	2367817-2
	REC Cont M size Au L/P	2367818-2
	REC Cont S size Au	2367817-1
	REC Cont S size Au L/P	2367818-1
TAB Contact Au Plating	TAB Cont M size Au	2367819-2
	TAB Cont M size Au L/P	2367820-2
	TAB Cont S size Au	2367819-1
	TAB Cont S size Au L/P	2367820-1
REC Contact Tin Plating	REC Cont M Size Tin	3-2367817-2
	REC Cont S Size Tin	3-2367817-1
TAB Contact Tin Plating	TAB Cont M Size Tin	3-2367819-2
	TAB Cont S Size Tin	3-2367819-1

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