



*Image shown is a representation only. Exact specifications should be obtained from the product dimension*

PRODUCT NAME:	Male Crimp Contact 10A 20 AWG
REVISION:	A3
NEXTGEN ORDER PART CODE*:	CDGM050M00L001
CROSS REF. PART NO.:	09150006123
ORIGINAL MFG PART CODE:	CDGM- 0.50
ORIGINAL MFG PART NO.:	1010172100401
ORIGINAL MANUFACTURER:	Wain Electrical/Wain Connectors

\*: Please Indicate this Part Code For RFQ/Order Support

**WAIN**  
CONNECTORS



AUTHORIZED DISTRIBUTOR

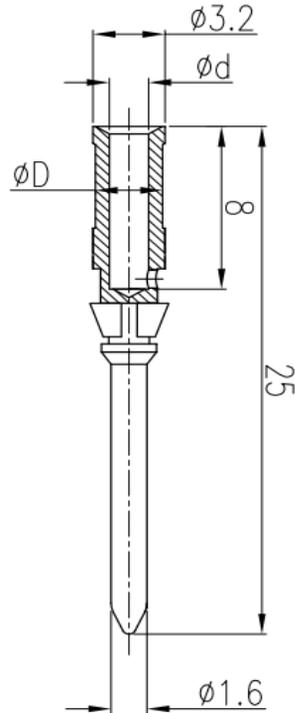
NextGen Components, Inc.

US Warehouse Location: 9 Orchard Road, Suit 106, Lake Forest, CA 92630, USA

RFQ/Order Support: [sales@NextGenComponent.com](mailto:sales@NextGenComponent.com)

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DIMENSION – Unit: mm



NEXTGEN ORDER PART CODE	ORIGINAL MFG PART CODE	ORIGINAL MFG PART NUMBER	d	D	h
CDGM037M00L001	CDGM- 0.37	1010172100301	0.9	2.6	8
<a href="#">CDGM050M00L001</a>	CDGM- 0.50	1010172100401	1.15	2.6	8
CDGM075M00L001	CDGM- 0.75	1010172100601	1.3	2.6	8
CDGM1M0000L001	CDGM- 1.0	1010172100801	1.45	2.6	8
CDGM1M5000L001	CDGM- 1.5	1010172100901	1.75	3.0	8

**GENERAL PRODUCT ATTRIBUTES**

ATTRIBUTE	DESCRIPTION
Product Category	Connectors, Interconnects/Heavy Duty Connectors/Contacts
Product Name	Male Crimp Contact
Part Category No.	101017
Series Category No.	CDGM
Pin or Socket	Pin
Contact Termination	Crimp
Material	Copper Alloy
Surface Treatment	Gold-plated
Packaging	Bulk
Application	Applicable to HD, HDD, HM, HK, HQ inserts

**ENVIRONMENTAL & EXPORT CLASSIFICATIONS**

ATTRIBUTE	DESCRIPTION
RoHS Status	ROHS3 Compliant With Exemption
Moisture Sensitivity Level (MSL)	1 (Unlimited)
REACH Status	REACH Unaffected
ECCN	EAR99
HTSUS	8536.90.4000

**GENERAL TECHNICAL CHARACTERISTICS**

ATTRIBUTE	DESCRIPTIONS
Rated Current	10A
Contact Resistance	≤3mΩ
Mating Cycles	≥500

**TECHNICAL CHARACTERISTICS – For Different Part Code**

NEXTGEN ORDER PART CODE *	ORIGINAL MFG PART CODE	ORIGINAL MFG PART NUMBER	WEIGHT	WIRE GAUGE		STRIPPING LENGTH
			g	mm <sup>2</sup>	AWG	mm
CDGM037M00L001	CDGM- 0.37	1010172100301	0.68	0.14-0.37	26-22	8
<a href="#">CDGM050M00L001</a>	CDGM- 0.50	1010172100401	0.66	0.5	20	8
CDGM075M00L001	CDGM- 0.75	1010172100601	0.64	0.75	18	8
CDGM1M0000L001	CDGM- 1.0	1010172100801	0.62	1.0	18	8
CDGM1M5000L001	CDGM- 1.5	1010172100901	0.62	1.5	16	8

Note: \* Please Indicate this Part Code For RFQ/Order Support By e-mail: [sales@NextGenComponent.com](mailto:sales@NextGenComponent.com)

## 2D ORIGINAL MANUFACTURER SINGAL DATASHEET

