



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

PRODUCT NAME:	Male Contact 16A Crimp Pin 20AWG
REVISION:	A3
NEXTGEN ORDER PART CODE*:	CESM0M5000L001
CROSS REF. PART NO.:	09330006121
ORIGINAL MFG PART CODE:	CESM-0.50
ORIGINAL MFG PART NO.:	1010191100401
ORIGINAL MANUFACTURER:	Wain Electrical/Wain Connectors

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

WAIN
CONNECTORS



AUTHORIZED DISTRIBUTOR

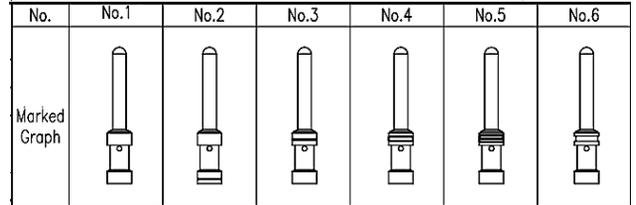
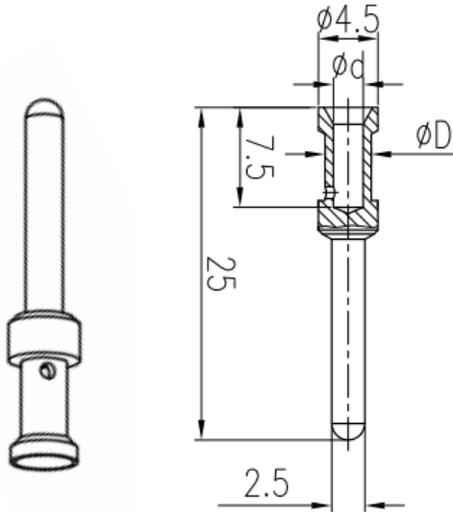
NextGen Components, Inc.

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

RFQ/Order Support: sales@NextGenComponent.com

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DIMENSION – Unit: mm



NEXTGEN ORDER PART CODE	ORIGINAL MFG PART CODE	ORIGINAL MFG PART NUMBER	d	D	h	Identification	Identification No.
CESM0M3700L001	CESM- 0.37	1010191100301	0.9	1.8	7.5	No Groove	No.1
CESM0M5000L001	CESM- 0.50	1010191100401	1.15	2.6	7.5	No Groove	No.1
CESM0M7500L001	CESM- 0.75	1010191100601	1.30	2.6	7.5	1 Groove	No.2
CESM1M0000L001	CESM- 1.0	1010191100801	1.45	2.6	7.5	1 Groove	No.3
CESM1M5000L001	CESM- 1.5	1010191100901	1.75	3.0	7.5	2 Groove	No.4
CESM2M5000L001	CESM- 2.5	1010191101001	2.25	3.5	7.5	3 Groove	No.5
CESM3M0000L001	CESM- 3.0	1010191101101	2.55	3.7	7.5	With Groove	No.6
CESM4M0000L001	CESM- 4.0	1010191101201	2.85	3.9	7.5	No Groove	No.1

GENERAL PRODUCT ATTRIBUTES

ATTRIBUTE	DESCRIPTION
Product Category	Connectors, Interconnects/Heavy Duty Connectors/Contacts
Product Name	Male Crimp Contact
Part Category No.	101019
Series Category No.	CESM
Pin or Socket	Pin
Contact Termination	Crimp
Material	Copper Alloy
Surface Treatment	Silver-plated
Packaging	Bulk
Need Crimp Contacts Separately	No
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	16A
Contact Resistance	≤1mΩ
Mating Cycles	≥500

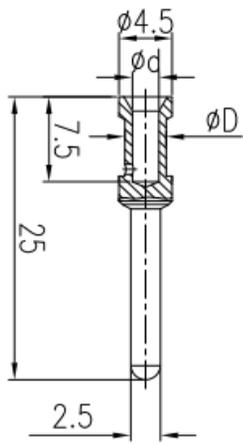
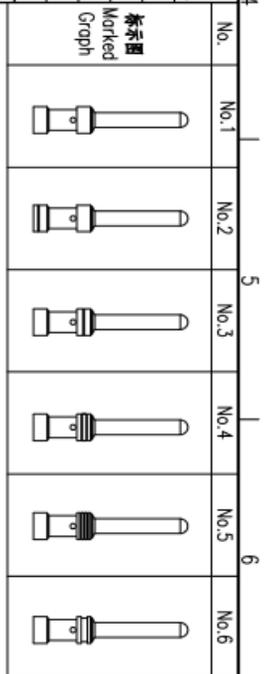
TECHNICAL CHARACTERISTICS – For Different Part Code

NEXTGEN ORDER PART CODE *	ORIGINAL MFG PART CODE	ORIGINAL MFG PART NUMBER	WEIGHT	WIRE GAUGE		STRIPPING LENGTH
			g	mm ²	AWG	mm
CESM0M3700L001	CESM- 0.37	1010191100301	1.25	0.14-0.37	26-22	7.5
CESM0M5000L001	CESM- 0.50	1010191100401	1.33	0.5	20	7.5
CESM0M7500L001	CESM- 0.75	1010191100601	1.30	0.75	18	7.5
CESM1M0000L001	CESM- 1.0	1010191100801	1.29	1.0	18	7.5
CESM1M5000L001	CESM- 1.5	1010191100901	1.33	1.5	16	7.5
CESM2M5000L001	CESM- 2.5	1010191101001	1.36	2.5	14	7.5
CESM3M0000L001	CESM- 3.0	1010191101101	1.27	3.0	12	7.5
CESM4M0000L001	CESM- 4.0	1010191101201	1.32	4.0	12	7.5

Note: * Please Indicate this Part Code For RFQ/Order Support By e-mail: sales@NextGenComponent.com

2D ORIGINAL MANUFACTURER SINGAL DATASHEET

日期/Date	产品代号 Part code	产品料号 Part NO.	重量/Weight	线径/Wire Gauge	d	D	剥线长度 Stripping length	标识 Identification	标识图 Identification No.
	CESM-0.37	1010191100301	g	mm ²	AWG	0.90	1.8	7.5mm	No.1
	CESM-0.50	1010191100401	1.25	0.14-0.37	26-22	1.15	2.6	7.5mm	No.1
	CESM-0.75	1010191100601	1.33	0.5	20	1.30	2.6	7.5mm	No.2
	CESM-1.0	1010191100801	1.30	0.75	18	1.45	2.6	7.5mm	No.3
	CESM-1.5	1010191100901	1.29	1.0	18	1.75	3.0	7.5mm	No.4
	CESM-2.5	1010191101001	1.33	1.5	16	2.25	3.5	7.5mm	No.5
	CESM-3.0	1010191101101	1.36	2.5	14	2.55	3.7	7.5mm	No.6
	CESM-4.0	1010191101201	1.27	3.0	12	3.9	7.5mm	no groove	No.1
			1.32	4.0	12	2.85			



技术参数:

- 材料: 铜合金
- 表面处理: 镀银
- 额定电流: 16A
- 接触电阻: $\leq 1m\Omega$
- 线径范围: $0.5mm^2(20 AWG)$
- 可插拔次数: > 500

Technical specification:

- Material: copper alloy
- Surface: hard-silver plated
- Rated current: 16A
- Contact resistance: $\leq 1m\Omega$
- Wire gauge: $0.5mm^2(20 AWG)$
- Mating cycles: > 500

图号 Drawing No.	产品代号 Part Code	材料 Material	表面处理 Finish	比例 Scale	重量 Weight
-	CESM-0.5	-	-	2:1	1.33g
产品料号 Part No.	产品名称 Part Name	版本 REV.	日期/Date	数量 Qty.	数量 Qty.
1010191100401	-	V1.1	18.10.2010	-	-
变更描述/Description	签名 Signature	日期/Date	日期/Date	批准 Approved	批准 Approved
标准	YY LIN	18.10.2010	18.10.2010	YY LIN	18.10.2010
检查 Checked	P RAO	18.10.2010	18.10.2010	YY LIN	18.10.2010
工艺 Process	-	-	-	YY LIN	18.10.2010

