



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

PRODUCT NAME:	Female Screw Contact 16A 26-14AWG
REVISION:	A3
NEXTGEN ORDER PART CODE*:	HE016F0000S001
CROSS REF. PART NO.:	09330062701
ORIGINAL MFG PART CODE:	HE-016-F
ORIGINAL MFG PART NO.:	1220160210001
ORIGINAL MANUFACTURER:	Wain Electrical/Wain Connectors

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

WAIN
CONNECTORS



AUTHORIZED DISTRIBUTOR

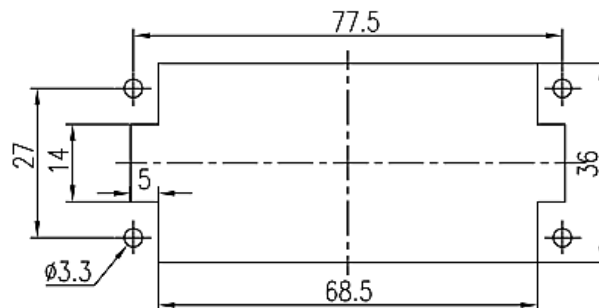
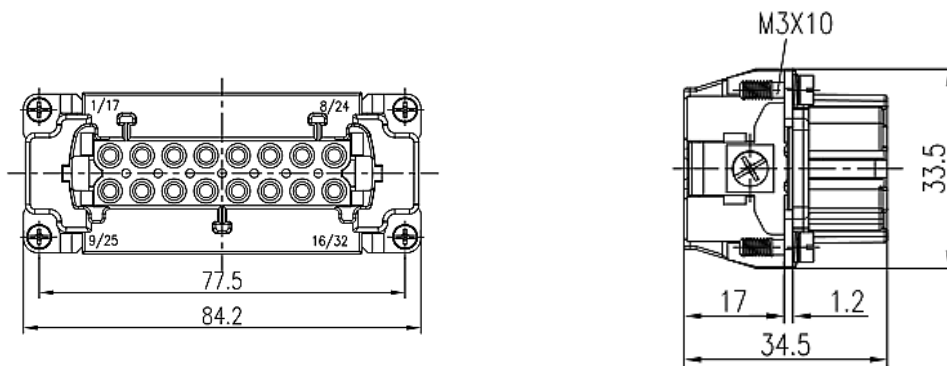
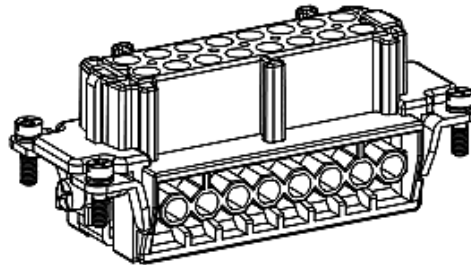
NextGen Components, Inc.

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



Panel Cut Out

GENERAL PRODUCT ATTRIBUTES

ATTRIBUTE	DESCRIPTION
Product Category	Rectangular Connectors/HE Insert/Contacts
Product Name	Female Screw Contact
Specifications	16B / 32B
Connection Type	Screw Connection
Part Category No.	122016
Series Category No.	HE-016-F
Contact Material	Copper Alloy
Contact Terminal	Screw Terminal
Surface Treatment	Silver-plated
Inserts Material	Polycarbonate
Inserts Color	RAL 7032 (light gray)
Flame Retardant Rating As Per UL94	V0
Standard	DIN EN 60664, DIN EN 61984
Approvals	UL, CUL, VDE, CE, EAC, CQC

GENERAL TECHNICAL CHARACTERISTICS

ATTRIBUTE	DESCRIPTIONS
Number of Connector Contacts	16
Grounding Contacts	Yes
Rated Current	16A
Rated Voltage	500V
Rated Pulse Voltage	6kV
Class of Pollution	3
Parameters When Class of Pollution is 2	16A 400/690V 6kV 2
Rated Voltage as per UL/CSA	600V
Insulation Resistance	$\geq 10^9 \Omega$
Working Temperature	-40° C ~ +125° C
Mating Cycles	≥ 500
Contact Resistance	$\leq 1\text{m}\Omega$
Wire Gauge	0.14-2.5mm ²
Wire Gauge	26-14 AWG
Tightening / Testing Torque	0.5Nm
Stripping length	7mm

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

2D ORIGINAL MANUFACTURER SINGAL DATASHEET

日期/Date
档案号
图号

面板安装开孔图
Panel cut out

Work Number		变更描述/Description		姓名/Name		日期/Date	
设计	BQ LUO	18.10.2010	标准件	-	-	-	-
检查	P RAO	18.10.2010	批准	YY LIN	18.10.2010	-	-
工艺	-	-	批准	YY LIN	18.10.2010	-	-
Material		比例 Scale		REV.		Weight Qty.	
HE-016-F		1:1		V1.0		85.2g -	
Part Code		Product No.		Part Name		Drawing No.	
1220160210001		HE-016-F		-		-	

补充参数:

- 接触数: 16+PE
- 额定电流: 16A
- 额定电压: 500V
- 额定脉冲电压: 6kV
- 污染等级: 3
- 爬电距离(UL/CSA额定电压): 600V
- 绝缘电阻: $>10^9\Omega$
- 颜色:RAL 7032 (亮灰色)
- 材料:聚酰胺
- 温度范围: $-40^\circ\text{C} \sim +125^\circ\text{C}$
- 重量: 约 85g
- 可接次数: >500

材料:

- 接触点:铜合金
- 表面镀层:镀银
- 材料:铜合金
- 表面处理:镀银
- 接触电阻: $<1m\Omega$
- 拔出力: $0.14 \sim 2.5mN(26 \sim 14 AWG)$
- 拧紧力矩: $0.5N \cdot m$
- 剥线长度: $7.0mm$

Technical specification:

- No. of contact: 16+PE
- Rated current: 16A
- Rated voltage: 500V
- Rated impulse voltage: 6kV
- Pollution degree: 3
- Rated voltage acc.to UL/CSA: 600V
- Insulation resistance: $>10^9\Omega$
- Material: polyamide
- Colour: RAL 7032(light grey)
- Temperature range: $-40^\circ\text{C} \sim +125^\circ\text{C}$
- Flammability acc.to UL 94: V0
- Mating cycles: >500

Contact:

- Terminal: screw terminal
- Material: copper alloy
- Surface: hard-silver plated
- Contact resistance: $<1m\Omega$
- Wire gauge: $0.14 \sim 2.5mm^2(26 \sim 14 AWG)$
- Tightening/Test torque: $0.5N \cdot m$
- Stripping length: $7.0mm$

NextGen
Components, Inc.

XIAMEN WANN ELECTRICAL CO., LTD.
厦门维恩电气有限公司