![TE connectivity]

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Information Specialist

What can we help you find?

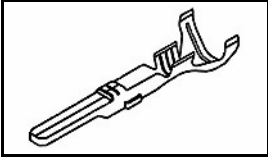| Products | Industries | Resources | About TE | My Account | Innovation | Support Center |

171661-1 Product Details

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171661-1

TE Internal Number: 171661-1

✔ Active

 View 3D PDF

Econoseal J Series [Mark II (+)]

 Always EU RoHS/ELV Compliant

(Statement of Compliance)

Product Highlights:

- Econoseal J Product Line
- 070 Series
- Contact
- Wire-to-Wire
- Applies To Wire/Cable

View all Features

Quick Links

▷ Pricing & Availability
▷ Search for Tooling
▷ View Housings (11)
▷ Product Feature Selector
▷ Contact Us About This Product

Add to My Part List   Request Sample   Find Similar Products

Buy Product

Documentation & Additional Information

Product Drawings:

- - ECONOSEAL J-MARKII CONNECTOR TAB CONTACT (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- Sealed Sensor Connector System (PDF, English)
- AMP-ECONOSEAL-J Mark II+ Connector (PDF, English)
- (DESIGN OBJECTIVES) AIR BAG CONNECTOR (PDF, English)
- AMP-ECONOSEAL ''J''-II Connector (PDF, Japanese)
- AMP-ECONOSEAL-J Mark II+ Connector (PDF, Japanese)
- (DESIGN OBJECTIVES) AIR BAG CONNECTOR (PDF, Japanese)

Application Specifications:

- CONTACTS SERIE .070 DU CONNECTEUR AMP- ECONOSEAL ''J... (PDF, English)
- Crimping of AMP-ECONOSEAL ''J''-II, .070 and .250 Se... (PDF, English)
- Econoseal J Series Connectors .070 Seri... (PDF, Japanese)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- 2D Drawing (DXF, Version E1)
- 3D Model (IGES, Version E1)
- 3D Model (STEP, Version E1)

Additional Information:

- Product Line Information

Related Products:

- Tooling
- Housings (11)

List all Documents

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Line = Econoseal J
- Series = 070
- Product Type = Contact
- Wire/Cable Type = Discrete Wire
- Cable Type = Thin Wall

- Termination Method to Wire/Cable = Crimp

Termination Features:

Configuration Features:

- GET 0.64 Connector System = No

Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

- Wire/Cable Size (AWG) = 16 – 20
- Wire/Cable Size (mm²) = 0.5 – 1.25

Body Features:
- Wire Type = Stranded

Contact Features:
- Contact Type = Tab
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.76 [29.92]

Conditions for Usage:
- Applies To = Wire/Cable
- Accepts Wire Insulation Diameter, Range (mm [in]) = 2.00 – 2.60 [0.078 – 0.102]

Operation/Application:
- Application Use = Wire-to-Wire
- Contact Transmits (Typical Application) = Power

Packaging Features:
- Packaging Method = Reel
- Packaging Quantity = 6,000

Other:
- Brand = AMP

Corporate Information

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Documents & Drawings

Product Compliance Support Center

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RELEASED FOR PUBLICATION   —,— .

LOC	DIST			REVISIONS			
J	—	P	LTR	DESCRIPTION	DATE	DWN	APVD
			E2	REVISED PER ECO-11-005140	28MAR11	RK	HMR

セレーション
SERRATION

トレードマーク
TRADE MARK

1.8

A-A

3±0.4
3.5±0.4

20.4±0.5
8.9±0.3
3±0.3
1.5
A
B
1.5±0.3
B-B
5.4±0.4
3.6REF

3.5
2.5
0.64
1.8

5.8MIN.

△3

A

B

12±0.5 △4

5.8MIN.
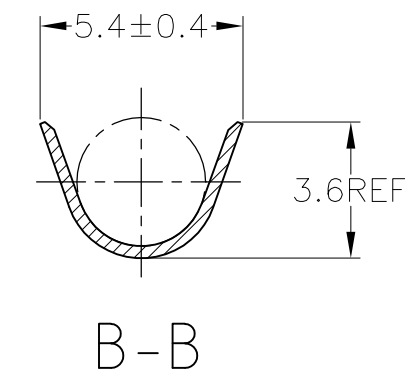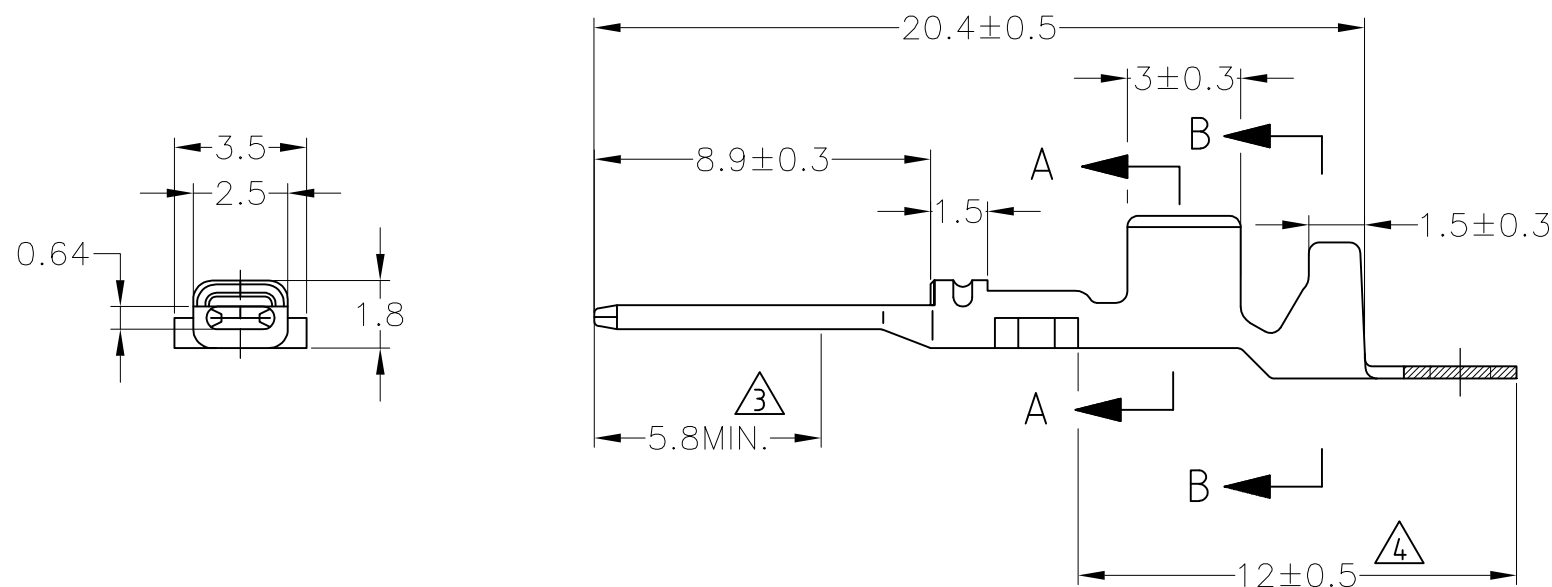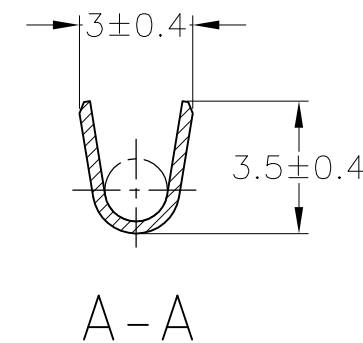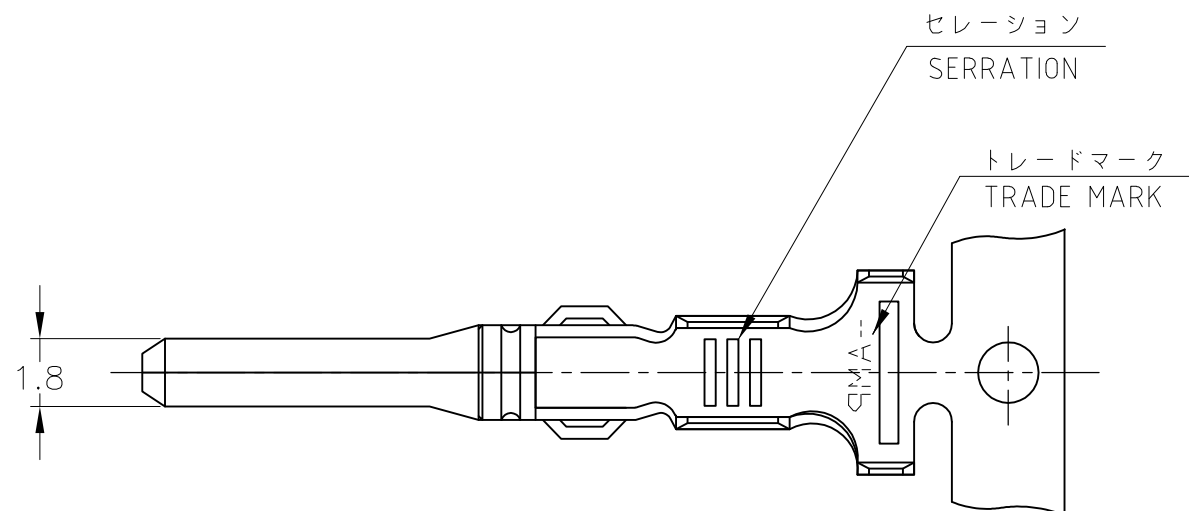
1. 嵌合相手端子型番：171662
2. バラ状端子型番：173706

1. RECEPTACLE CONTACT PN：171662
2. L/P CONTACT PN 173706

△3	SELECTIVE GOLD 部分金めっき	△4	SELECTIVE TIN 部分錫めっき	BRASS ↑0.32 黄銅 板厚 0.32	171661-5	3
△3	SELECTIVE GOLD 部分金めっき			BRASS ↑0.32 黄銅 板厚 0.32	171661-2	2
	PRE-TIN (0.76μm MIN.) 錫めっき済			BRASS ↑0.32 黄銅 板厚 0.32	171661-1	1
	FINISH 仕上			MATERIAL 材料	PN 型番	ITEM No. 項番

WIRE RANGE 抱合電線断面積	INSULATION DIA 被覆外径
0.5-1.25mm² (AWG #20-#16)	2-2.6

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	27JUN01
T.SHINOHARA	
CHK	27JUN01
K.BETSUI	
APVD	27JUN01
K.BETSUI	

≡TE TE Connectivity

NAME 名称
—

ECONOSEAL J-MARKII CONNECTOR
TAB CONTACT

DIMENSIONS: 単位：粍 mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差	
	0 PLC	± —
	1 PLC	± —
	2 PLC	± —
	3 PLC	± —
	4 PLC	± —
	ANGLES	± —
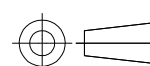
PRODUCT SPEC 製品規格
—

APPLICATION SPEC 取付適用規格
114-5082

一般公差 (GENERAL TOLERANCE)	
10 以下 ：	±0.2
10を超え 30以下 ：	±0.25
30を超え100以下 ：	±0.3
角 度 ：	±3°

MATERIAL 材料
SEE TABLE 表参照

FINISH 仕上
SEE TABLE 表参照

WEIGHT 0.35 g

SIZE	CAGE CODE	DRAWING NO 番号		RESTRICTED TO
A3	00779	C-171661		—

CUSTOMER DRAWING

SCALE 尺度 5:1	SHEET 1 OF 1	REV E2