

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0917770106

Status:

Active

Overview:

rast_5_connector_system

Description:

5.00mm (.197") Appli-Mate RAST 5 IDT Housing, Direct/Indirect, Female, 10A, 1 Circuit, Position Keys A & B

Documents:

3D Model

Drawing (PDF)

Packaging Specification (PDF)

Product Specification PS-99020-0037 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

IDT and Solder Connectors

Series

91777

Crimp Quality Equipment

Yes

Overview

rast_5_connector_system

Product Name

RAST 5

Use With

RAST standard interface

Physical

Circuits (Loaded)

1

Circuits (maximum)

1

Color - Resin

Natural (White)

Durability (mating cycles max)

10

Flammability

94V-2

Gender

Female

Glow-Wire Compliant

Yes

Lock to Mating Part

Yes

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Number of Rows

1

Packaging Type

Tray

Panel Mount

No

Pitch - Mating Interface (in)

0.197 In

Pitch - Mating Interface (mm)

5.00 mm

Pitch - Term. Interface (in)

0.197 In

Pitch - Term. Interface (mm)

5.00 mm

Polarized to Mating Part

Yes

Stackable

No

Temperature Range - Operating

-40°C to +120°C

Termination Interface: Style

IDT or Pierce

Wire Size AWG

22, 24

Electrical

Current - Maximum per Contact

10A

Voltage - Maximum

250V AC

Material Info

Reference - Drawing Numbers

Application Specification

AS-99033-0004

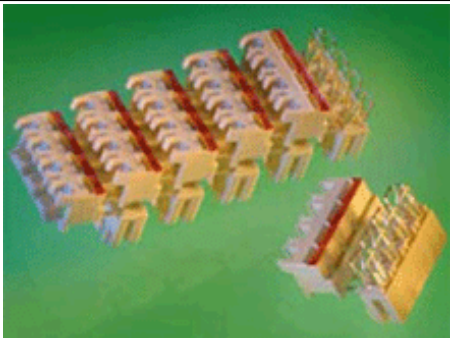


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

91777Series

Mates With

Appli-Mate RAST 5.0 Header 90858 , 90879

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

RAST 5.0 Semi-Automatic Terminator Machine for Appli-Mate™ Connector 6 and 10 AMP

0623006300

This document was generated on 05/28/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

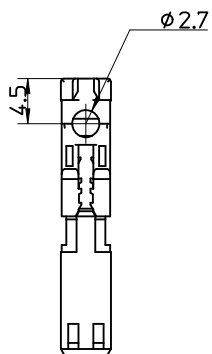
E

D

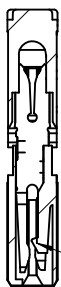
C

B

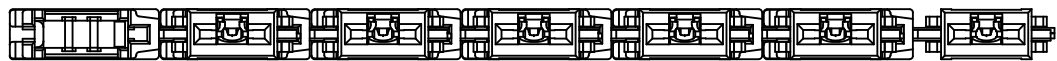
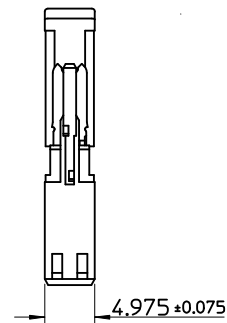
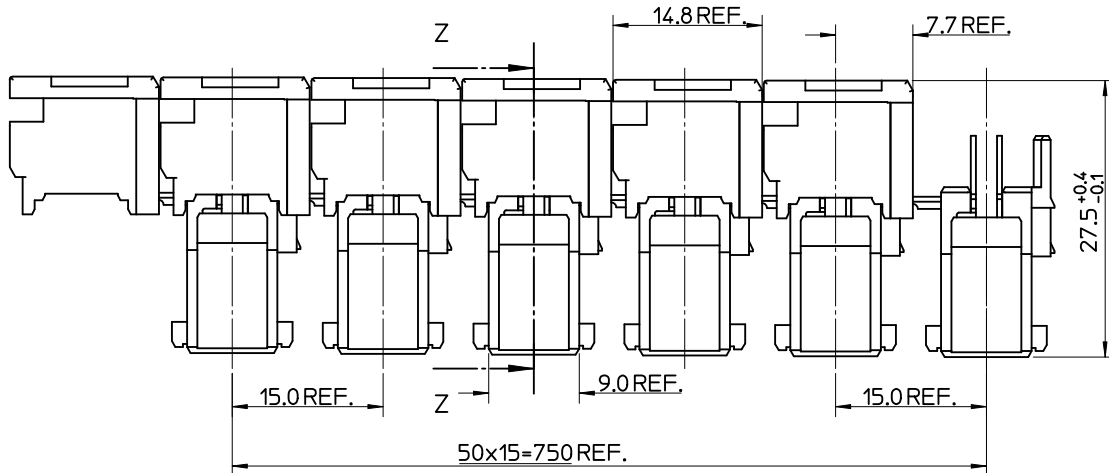
A



Z-Z



LOCKING TAB



NOTES:

1. MATERIALS:

HOUSING: PA6 UL94 V-2

TERMINAL: COPPER ALLOY, 0.5 REF THICK

PLATING: OPTION 1: 5um MIN PURE Sn ALL OVER

OPTION 2: 2um MIN SILVER IN CONTACT AREA

0.05um MIN SILVER FLASH ALLOVER

2. PRODUCT CONFORMS TO SPECIFICATION PS-99020-0037

3. PACKAGING SPECIFICATION SEE SPEC PK-90833-001

4. REFER TO APPLICATION SPECIFICATION AS-99033-0004

changed plating spec EC NO: E2010-0213 DRWN: BRUTLE 2010/01/08 CHKD: T. TOURISH 2010/01/19 APPR: BMAGUIRE 2010/01/19	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY GMC SWEEN	DATE 2004/10/12	TITLE 5MM APPLI-MATE 1CKT 10A FEMALE CONNECTOR				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	BMAGUIRE	2005/01/07					
			2 PLACES	± 0.05	± ---	APPROVED BY	DATE					
			1 PLACE	± 0.10	± ---	BMAGUIRE	2005/01/07	 MOLEX INCORPORATED				
			ANGULAR ± 2 °		MATERIAL NO.		DOCUMENT NO.			SHEET NO. 1 OF 2		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-91777-001					
			C	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

F

E

D

C

B

A

F

E

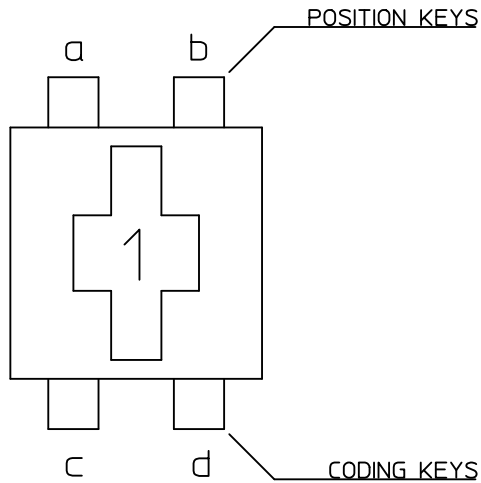
D

C

B

A

MOLEX PART NUMBER	TERMINAL (see note1 sheet1)	COLOUR	POSITION KEYS	CODING KEYS	CONFIGURATION	REF.
91777-0102	OPTION 1 (TIN)	NATURAL	b	c d		K02
91777-3102	OPTION 2 (SILVER)					
91777-0103	OPTION 1 (TIN)	NATURAL	NONE	NONE		K**
91777-3103	OPTION 2 (SILVER)					
91777-0104	OPTION 1 (TIN)	NATURAL	NONE	c		K11
91777-3104	OPTION 2 (SILVER)					
91777-0105	OPTION 1 (TIN)	NATURAL	a	c		K09
91777-3105	OPTION 2 (SILVER)					
91777-0106	OPTION 1 (TIN)	NATURAL	a, b	c, d		K00
91777-3106	OPTION 2 (SILVER)					
91777-0107	OPTION 1 (TIN)	BLACK	a, b	d		K01
91777-3107	OPTION 2 (SILVER)					



POSITION & CODING KEYS IDENTIFICATION

SEE SHEET 1 EC NO: E2010-0213 DRWN:BRUTTE 2010/01/08 CHKD:T. TOURISH 2010/01/19 APPR:BMAGUIRE 2010/01/19	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					DRAWN BY GMC SWEEN	DATE 2004/10/12	TITLE 5MM APPLI-MATE 1CKT 10A FEMALE CONNECTOR			
					CHECKED BY BMAGUIRE	DATE 2005/01/07				
					APPROVED BY BMAGUIRE	DATE 2005/01/07	MOLEX INCORPORATED			
					MATERIAL NO.					DOCUMENT NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-91777-001			2 OF 2
					SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				