

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0917780003

Status:

Active

Overview:

[rast_5_connector_system](#)

Description:

5.00mm (.197") Appli-Mate RAST 5 IDT Housing, Indirect, Female, 10 Amp, 2 Circuit, Position Keys 1a, 2b, Code Keys 01c, Reference K02

Documents:

[Drawing \(PDF\)](#)

[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

91778

Crimp Quality Equipment

Yes

Overview

[rast_5_connector_system](#)

Product Name

RAST 5

Use With

RAST standard interface

Physical

Circuits (Loaded)

2

Circuits (maximum)

2

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

Plating min: Mating (µin)

200

Plating min: Mating (µm)

5

Plating min: Termination (µin)

200

Plating min: Termination (µm)

5

Polarized to Mating Part

Yes

Stackable

No

Temperature Range - Operating

-20C TO +120C

Termination Interface: Style

IDT or Pierce

Wire Size AWG

22, 24

Electrical

Current - Maximum per Contact

10A

Voltage - Maximum

250V AC

Material Info

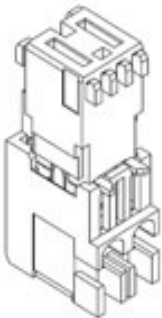


image - Reference only

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

91778Series

Mates With

90858 RAST Vertical Header,

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

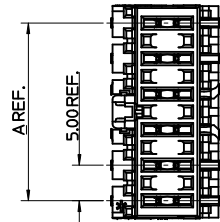
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Reference - Drawing Numbers

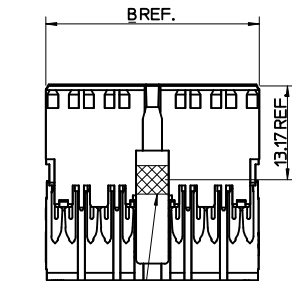
Application Specification	AS-99033-0004
Packaging Specification	PK-90833-001
Product Specification	PS-99020-0037
Sales Drawing	SD-91778-001

This document was generated on 05/28/2010

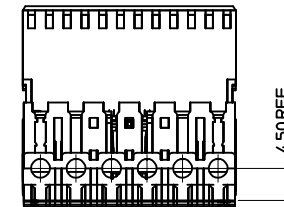
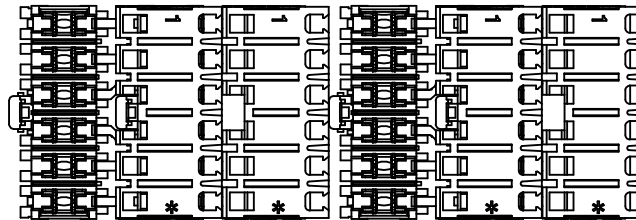
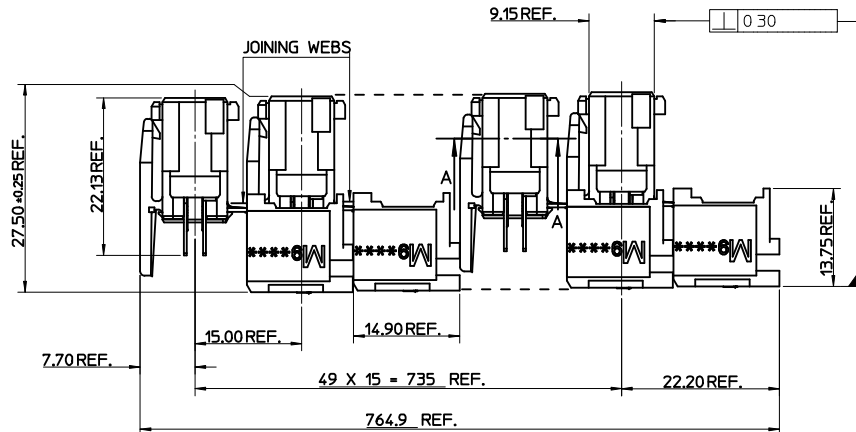
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



PARTIAL1
Scale 2:1



COLOUR STRIPE
SEE NOTE 5



NOTES:

1. MATERIALS

HOUSING: PA 6, UL94 V-2

COLOUR: SEE TABLES SHEET 2 to 6

TERMINALS: PHOSPHOR BRONZE, 0.40/(0.016) THICK REF.

PLATING: 5um/(200uin) MIN PURE Sn

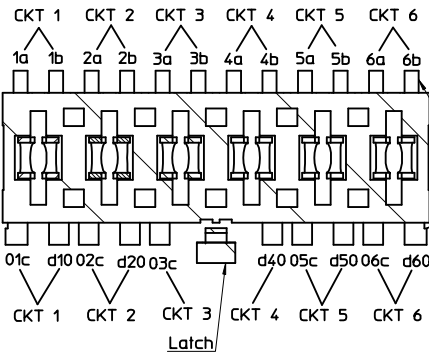
2. PRODUCT CONFORMS TO SPECIFICATION PS-99020-0037

3. ACCEPTS CABLE, PER ES-99036-0008 OR ES-99036-0009 AS PER THE APPLICATION SPECIFICATION AS-99033-0004

4. SEE SUBSEQUENT SHEETS FOR PART NUMBERS SHOWING THE VARIOUS CODING, KEYING AND LATCHING OPTIONS

5. SEE SHEETS 2 to 6 FOR DETAILS

6. PACKAGING SPECIFICATION PK-90833-001



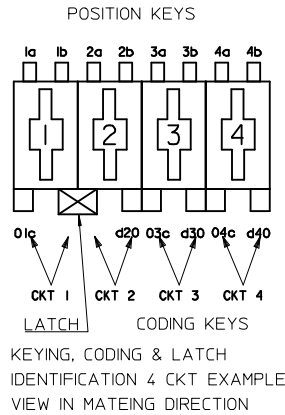
KEYING, CODING & LATCH IDENTIFICATION
(6 CKT EXAMPLE SHOWN)

A-A
Scale 4:1

Ckt Size	A	B
2	5.00	9.90
3	10.00	14.90
4	15.00	19.90
5	20.00	24.90
6	25.00	29.90
7	30.00	34.90
8	35.00	39.90
9	40.00	44.90
10	45.00	49.90
11	50.00	54.90
12	55.00	59.90

HOUSING LINK CHANGE + PN EC NO: E2010-0090 DRAWN BY: DRWN:BRUTTE CHKD: T. TOURISH APPR: BMAGUIRE 2009/10/19 2009/10/21 2009/10/22	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	REV	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 10A F-INDIRECT CONN ASSY				
				4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY BMAGUIRE	DATE 2005/01/07	MOLEX INCORPORATED				
				2 PLACES ± 0.1 ± ---	1 PLACE ± 0.2 ± ---	APPROVED BY BMAGUIRE	DATE 2005/01/07	DOCUMENT NO. SD-91778-001				
				ANGULAR ± 1/2°		MATERIAL NO.		SHEET NO. 1 OF 7				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHARTS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

13	12	11	10	9	8	7	6	5	4	3	2	1
MOLEX PART NO	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF	COLOUR STRIPE				
91778-0001	2	NATURAL	ALL	ALL	1/2		K00	NONE				
91778-0002	2	NATURAL	1b 2a	01c d20	1/2		K01	NONE				
91778-0003	2	NATURAL	1a 2b	01c	1/2		K02	NONE				
91778-0004	2	NATURAL	2a	01c d20	1/2		K03	NONE				
91778-0005	2	NATURAL	1a 2b	d20	1/2		K05	NONE				
91778-0006	2	NATURAL	1b 2b	01c	1/2		K09	NONE				
91778-0007	2	NATURAL	1a 2a	01c	1/2		K10	NONE				
91778-0008	2	NATURAL	2b	01c d20	1/2		K15	NONE				
91778-0009	2	NATURAL	1a 1b	01c d20	1/2		K47	NONE				
91778-0010	2	NATURAL	2b	NONE	1/2		K11	NONE				
91778-0011	2	NATURAL	1a 1b	01c	1/2		K04	NONE				
91778-0012	2	NATURAL	1a	01c d20	1/2		K12	NONE				
91778-0013	2	NATURAL	1b 2a	01c	1/2		K14	NONE				
91778-0014	2	NATURAL	ALL	01c	1/2		K33	NONE				
91778-0015	2	NATURAL	1a 1b	01c	1/2		K04	NONE				
91778-0016	2	NATURAL	1b	01c d20	1/2		K16	NONE				
91778-0017	2	NATURAL	1a 2b	NONE	1/2		K06	NONE				
91778-0018	2	NATURAL	2b	d20	1/2		K38	NONE				
91778-0019	2	NATURAL	1a 2a	01c d20	1/2		K44	NONE				



MOLEX PART NO	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF	COLOUR STRIPE				
91778-0020	2	NATURAL	1b 2a 2b	d20	1/2		K07	NONE				
91778-0021	2	NATURAL	All	d20	1/2		K34	NONE				
91778-0022	2	NATURAL	1a 2b	d20	1/2		K05	BLACK				
91778-0023	2	NATURAL	NONE	ALL	1/2		K54	RED				
91778-0024	2	NATURAL	1b 2a	01c	NONE		K--	NONE				
91778-0025	2	BLACK	ALL	d20	1/2		K34	NONE				
91778-0026	2	NATURAL	1b	ALL	NONE		K--	NONE				
91778-0027	2	NATURAL	ALL	ALL	NONE		K--	NONE				
91778-0028	2	NATURAL	NONE	01c	1/2 b		K--	NONE				
91778-0029	2	NATURAL	1a 2b	NONE	1/2 b		K--	NONE				
91778-0030	2	NATURAL	2a	01c	1/2		K--	NONE				

SEE SHEET 1 EC NO: E2010-0090 2009/10/19 DRWN:BRUTTE 2009/10/21 CHKD:T. TOURISH 2009/10/22 APPR:BMAGUIRE 2009/10/22	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		mm	INCH	DRAWN BY GMC/SWEEN	DATE 2004/10/12	5MM APPLI-MATE 10A F-INDIRECT CONN ASSY					
		4 PLACES ± ---	± ---	CHECKED BY BMAGUIRE	DATE 2005/01/07						
		3 PLACES ± ---	± ---	APPROVED BY BMAGUIRE		DATE 2005/01/07	MOLEX INCORPORATED				
		2 PLACES ± 0.1	± ---	MATERIAL NO.		DOCUMENT NO.					
1 PLACE ± 0.2	± ---	ANGULAR ±1/2°		SEE CHARTS		SD-91778-001					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

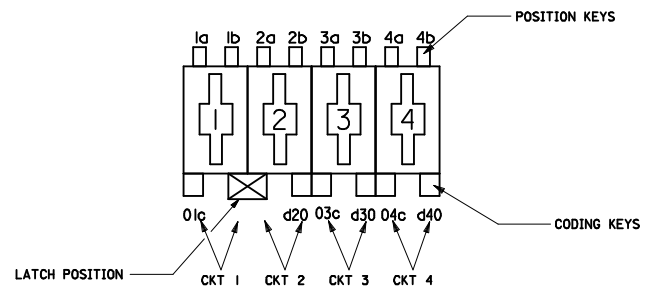
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Rev. E 2006/04/15

KEYING, CODING & LATCH IDENTIFICATION
(4 CKT EXAMPLE SHOWN)
VIEW IN MATING DIRECTION

MOLEX PART NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF	COLOUR STRIPE
91778-0201	4	NATURAL	ALL	ALL	1/2 & 3/4		K00	NONE
91778-0202	4	NATURAL	1b	03c d40	1/2 & 3/4		K01	NONE
91778-0203	4	NATURAL	ALL	d20 03c	1/2 & 3/4		K35	NONE
91778-0204	4	NATURAL	1b	d20 03c	1/2 & 3/4		K38	NONE
91778-0205	4	NATURAL	1a 4b	d40	1/2 & 3/4		K03	NONE
91778-0206	4	NATURAL	1a 3a 3b	01c d20 d40	1/2 & 3/4		K32	NONE
91778-0207	4	NATURAL	1b 2a 3a 4b	01c d40	1/2 & 3/4		K37	NONE
91778-0208	4	NATURAL	1a 4b	01c	1/2 & 3/4		K02	NONE
91778-0209	4	NATURAL	3b	d30	2/3		K04	NONE
91778-0210	4	NATURAL	1a 1b 3a 3b	01c 03c	1/2 & 3/4		K93	NONE
91778-0211	4	NATURAL	1a 2a 4a	01c 03c d40	1/2 & 3/4		K43	NONE
91778-0212	4	NATURAL	1a 1b 3a 3b	ALL	1/2 & 3/4		K**	NONE
91778-0213	4	NATURAL	1a 1b 3a 4a 4b	ALL	1/2		K**	NONE
91778-0214	4	NATURAL	1b	03c d40	1/2 3/4		K01	GREEN
91778-0215	4	NATURAL	2a 3b	NONE	1/2 3/4		K**	BLACK

SEE SHEET 1 EC NO: E2010-0090 DRAWN/UTL 2009/10/19 CHK'D: T. TOURISH 2009/10/21 APPR: BMAGUIRE 2009/10/22	DESCRIPTION DRAWN/UTL 2009/10/19 CHK'D: T. TOURISH 2009/10/21 APPR: BMAGUIRE 2009/10/22	REV 1	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM ONLY DRAWN BY DATE GMCSWEEEN 2004/10/12 CHECKED BY DATE BMAGUIRE 2005/01/07 APPROVED BY DATE BMAGUIRE 2005/01/07 MATERIAL NO.	SCALE 1:1 TITLE 5MM APPLI-MATE 10A F-INDIRECT CONN ASSY	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHARTS	DOCUMENT NO. SD-91778-001	SHEET NO. 3 OF 7		
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
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13	12	11	10	9	8	7	6	5	4	3	2	1
MOLEX PART NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF	COLOUR STRIPE				
91778-0301	5	NATURAL	1a 3a	01c d30	1/2 & 4/5		K30	NONE				
91778-0302	5	NATURAL	1a 5b	01c d20 03c d50	1/2 & 3/4		K31	NONE				
91778-0303	5	NATURAL	2a	01c d50	2/3 & 4/5		K43	NONE				
91778-0304	5	NATURAL	ALL	01c d50	2/3 & 4/5		K42	NONE				
91778-0305	5	NATURAL	ALL	ALL	2/3 & 4/5		K92	NONE				
91778-0306	5	NATURAL	ALL	ALL	1/2 & 3/4		K00	NONE				
91778-0307	5	NATURAL	ALL	ALL	1/2 & 4/5		K90	NONE				
91778-0308	5	NATURAL	2a 4b	01c d20 d40	1/2 & 3/4		K44	NONE				
91778-0309	5	NATURAL	1a 3a	01c d30 d50	1/2 & 4/5		K49	NONE				
91778-0310	5	NATURAL	NONE	01c d40	1/2 & 3/4		K**	NONE				
91778-0311	5	NATURAL	1a 5b	01c d20 03c d50	1/2 & 3/4		K31	NONE				
91778-0312	5	NATURAL	2a	01c d50	2/3 4/5		K43	NONE				
91778-0313	5	NATURAL	1a 2b 3b 4b 5b	d10 02c 04c d50	4/5		K**	NONE				
91778-0314	5	NATURAL	5b	01c d20 03c d50	4/5		K**	NONE				
91778-0315	5	NATURAL	ALL	d20, d40	1/2 3/4		K84	NONE				
91778-0316	5	NATURAL	5b	d30	1/2		K**	NONE				



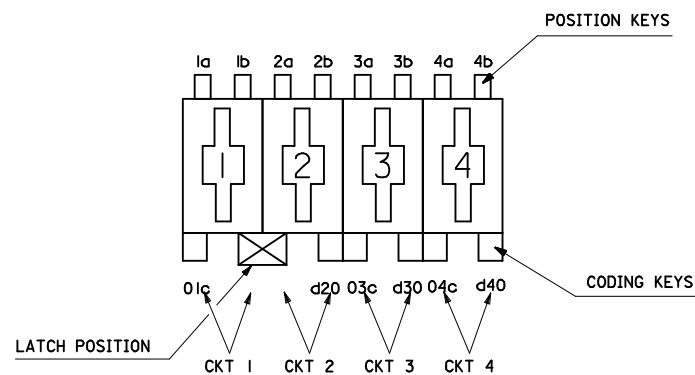
KEYING, CODING & LATCH IDENTIFICATION
(4 CKT EXAMPLE SHOWN)
VIEW IN MATING DIRECTION

SEE SHEET 1 EC NO: E2010-0090 DRWN:BRUTTE 2009/10/19 CHKD:T. TOURISH 2009/10/21 APPR:BMAGUIRE 2009/10/22	QUALITY SYMBOLS DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- mm ± --- INCH	DRAWN BY GMCSWEENEY	DATE 2004/10/12	5MM APPLI-MATE 10A F-INDIRECT CONN ASSY			
		3 PLACES ± --- mm ± --- INCH	CHECKED BY BMAGUIRE	DATE 2005/01/07				
		2 PLACES ± 0.1 mm ± --- INCH	APPROVED BY BMAGUIRE	DATE 2005/01/07				
		1 PLACE ± 0.2 mm ± --- INCH	ANGULAR ± 1/2°		MATERIAL NO. SEE CHARTS		DOCUMENT NO. SD-91778-001	SHEET NO. 4 OF 7
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13	12	11	10	9	8	7	6	5	4	3	2	1
MOLEX PART NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF	COLOUR STRIPE				
91778-0401	6	NATURAL	ALL	ALL	2/3 & 4/5		K90	NONE				
91778-0402	6	NATURAL	1b	03c d60	1/2 & 5/6		K91	NONE				
91778-0403	6	NATURAL	ALL	ALL	1/2 & 5/6		K53	NONE				
91778-0404	6	NATURAL	5b	01c d40	1/2 & 5/6		K61	NONE				
91778-0405	6	NATURAL	1b 6a	d30	1/2 & 5/6		K...	NONE				
91778-0406	6	NATURAL	2b 6b	d40	1/2 & 5/6		K04	NONE				
91778-0407	6	NATURAL	5b	02c 06c	3/4		K**	NONE				
91778-0408	6	NATURAL	1b 3a 4b 5a 5b 6b	01c d60	2/3		K**	NONE				
91778-0409	6	NATURAL	1b 2a 5b 6b	d50 06c	3/4		K**	NONE				
91778-0410	6	BLACK	ALL	02c, d50	2/3, 4/5		K38	NONE				

MOLEX PART NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF	COLOUR STRIPE				
91778-0501	7	NATURAL	2b	d20 07c	1/2 & 5/6		K37	NONE				
91778-0502	7	NATURAL	ALL	ALL	1/2 & 5/6		K00	NONE				
91778-0503	7	NATURAL	NONE	d20	1/2 & 5/6		K44	NONE				
91778-0504	7	NATURAL	ALL	ALL	2/3 & 6/7		K90	NONE				
91778-0505	7	NATURAL	ALL	02c d50	2/3 & 6/7		K49	NONE				
91778-0506	7	NATURAL	NONE	d20 03c 07c	5/6		K**	NONE				
91778-0507	7	NATURAL	1a 6b	03c 07c	4/5		K**	NONE				
91778-0508	7	NATURAL	NONE	04c 05c	1/2 5/6		K**	NONE				
91778-0509	7	NATURAL	NONE	04c 07c	1/2 5/6		K**	NONE				
91778-0510	7	NATURAL	NONE	d20, 03c, d70	1/2 5/6		K**	NONE				
91778-0511	7	NATURAL	NONE	d20, 07c	1/2 & 5/6		--	NONE				
91778-0512	7	NATURAL	NONE	d20, 03c	1/2 & 5/6		--	NONE				

MOLEX PART NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF	COLOUR STRIPE				
91778-0601	8	NATURAL	ALL	ALL	3/4 & 5/6		K00	NONE				
91778-0602	8	NATURAL	1b 3a 3b 5a 5b 7a 8a	01c d20 03c 05c 07c	3/4 & 5/6		K36	NONE				
91778-0603	8	NATURAL	ALL	ALL	1/2 & 7/8		K90	NONE				
91778-0604	8	NATURAL	ALL	03c d60	1/2 & 7/8		K39	NONE				
91778-0605	8	NATURAL	2b 8a	03c d60	1/2 & 7/8		K...	NONE				
91778-0606	8	NATURAL	8b	02c d30 07c	2/3 & 7/8		K...	NONE				
91778-0607	8	NATURAL	2b 8a	03c d60	1/2		K...	NONE				
91778-0608	8	NATURAL	8b	02c d30	2/3		K49	NONE				
91778-0609	8	NATURAL	NONE	d20 03c d60 07c	1/2 & 7/8		K...	NONE				

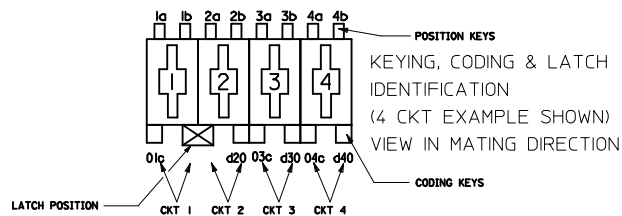


KEYING, CODING & LATCH IDENTIFICATION (4 CKT EXAMPLE SHOWN) VIEW IN MATING DIRECTION

SEE SHEET 1 EC NO: E2010-0090 DRAWN BY: 2009/10/19 CHKD: T. TOURISH 2009/10/21 APPR: BMAGUIRE 2009/10/22	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY GMC/SWEEN	DATE 2004/10/12	TITLE 5MM APPLI-MATE 10A F-INDIRECT CONN ASSY			
				4 PLACES ±---	±---	CHECKED BY BMAGUIRE	DATE 2005/01/07				
				3 PLACES ±---	±---	APPROVED BY BMAGUIRE	DATE 2005/01/07				
				2 PLACES ±0.1	±---	molex MOLEX INCORPORATED					
				1 PLACE ±0.2	±---						
				ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHARTS		SD-91778-001		5 OF 7	
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

13	12	11	10	9	8	7	6	5	4	3	2	1
MOLEX PART NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF	COLOUR STRIPE				
91778-0701	9	NATURAL	ALL	ALL	3/4 & 6/7		K00	NONE				
91778-0702	9	NATURAL	1b 2a 3a 5a 6a 7b 8b	01c 03c d70 08c d90	3/4 & 6/7		K34	NONE				
91778-0703	9	NATURAL	2b 5a	d80	2/3 & 7/8		K03	NONE				
91778-0704	9	NATURAL	7b	03c	5/6		K0A	NONE				
91778-0705	9	NATURAL	2b 3b 4a 5a 6b	d10 02c 04c 08c d90	2/3 & 4/5 6/7 & 8/9		K--	NONE				
91778-0706	9	NATURAL	7b 2a 4b 5a 8b 9b	01c d20 d70 08c	1/2 & 4/5 6/7 & 8/9		K--	NONE				
91778-0707	9	NATURAL	5b 6a	NONE	3/4 & 7/8		K--	NONE				
91778-0708	9	NATURAL	5b 6a	d30 d70	1/2 & 6/7		K--	NONE				
91778-0709	9	NATURAL	5b	d30, 04c d70, 08c	1/2 & 6/7		K--	NONE				

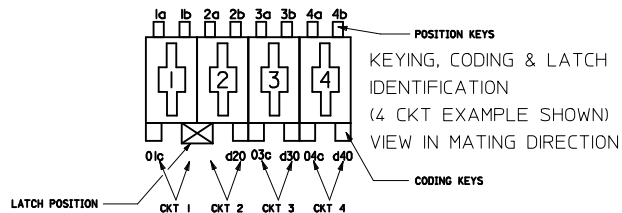
MOLEX PART NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF	COLOUR STRIPE				
91778-0801	10	NATURAL	ALL	ALL	3/4 & 7/8		K00	NONE				
91778-0802	10	NATURAL	1a 3b 7b 8a	01c d20 d40 05c d100	3/4 & 7/8		K34	NONE				
91778-0803	10	NATURAL	ALL	ALL	4/5 & 7/8		K98	NONE				
91778-0804	10	NATURAL	ALL	ALL	4/5 & 6/7		K99	NONE				
91778-0805	10	NATURAL	1a 10b	07c	4/5 & 7/8		K39	NONE				
91778-0806	10	NATURAL	1b 9a	06c	4/5 & 6/7		K40	NONE				
91778-0807	10	NATURAL	1b	03c	5/6		K--	NONE				
91778-0808	10	NATURAL	4b 6b 8a 8b	d100	5/6		K**	NONE				
91778-0809	10	NATURAL	4b 6b 8a 8b	06c d100	NONE		K**	NONE				
91778-0810	10	NATURAL	NONE	d30 04c d70 08c	2/3 8/9		K**	NONE				



NEW PART NUMBERS		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: E2010-0090		2009/10/19		mm		MM ONLY		1:1		METRIC		THIRD ANGLE PROJECTION	
DRWN:BRUTTE		2009/10/19		INCH		DRAWN BY		DATE		TITLE		5MM APPLI-MATE 10A F-INDIRECT CONN ASSY	
CHKD:T. TOURISH		2009/10/21		4 PLACES ± ---		CHECKED BY		DATE		DATE		6 OF 7	
APPR:BMAGUIRE		2009/10/22		3 PLACES ± ---		BMAGUIRE		2005/01/07		APPROVED BY		DATE	
				2 PLACES ± 0.1		BMAGUIRE		2005/01/07		MATERIAL NO.		DOCUMENT NO.	
				1 PLACE ± 0.2		ANGULAR ± 1/2°		SEE CHARTS		SD-91778-001		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

MOLEX PART NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF	COLOUR STRIPE
91778-0901	11	NATURAL	ALL	ALL	3/4 & 8/9		K00	NONE
91778-0902	11	NATURAL	1a 2b 3b 4a 4b 5a 7a 8a 9a 10a 11a	01c d40 05c 08c 010c	3/4 & 8/9		K33	NONE

MOLEX PART NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF	COLOUR STRIPE
91778-1001	12	NATURAL	ALL	ALL	3/4 & 9/10		K00	NONE
91778-1002	12	NATURAL	1a 2a 4a 4b 5a 6b 8a 11a	01c 03c 05c 07c d80 d100 11c	3/4 & 9/10		K41	NONE



SEE SHEET 1 EC NO: E2010-0090 DRAWN BY: DRWN:BRUTTE CHKD: T. TOURISH APPR: BMAGUIRE 2009/10/19 2009/10/21 2009/10/22	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 FIRST ANGLE PROJECTION	
				mm	INCH	DRAWN BY GMC SWEEN	DATE 2004/10/12	TITLE 5MM APPLI-MATE 10A F-INDIRECT CONN ASSY			
			4 PLACES	± ---	± ---	CHECKED BY BMAGUIRE	DATE 2005/01/07				
			3 PLACES	± ---	± ---	APPROVED BY BMAGUIRE	DATE 2005/01/07				
			2 PLACES	± 0.1	± ---	MATERIAL NO. SD-91778-001					
			1 PLACE	± 0.2	± ---			DOCUMENT NO. SD-91778-001			
			ANGULAR ±1/2°			MOLEX MOLEX INCORPORATED					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHARTS		SHEET NO. 7 OF 7			
			SIZE A2			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			REV								