

Excellent Integrated System Limited

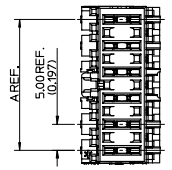
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

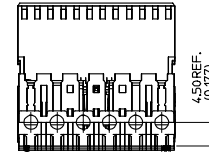
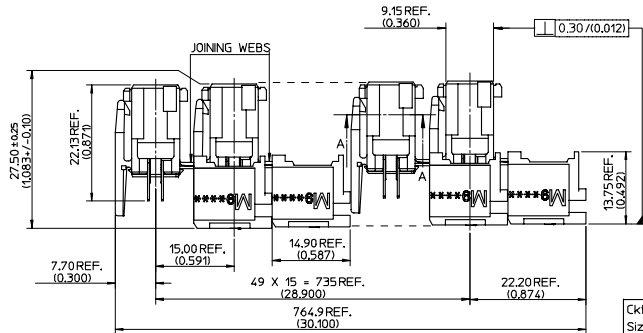
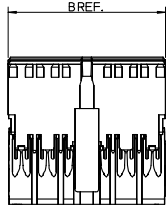
[Molex Connector Corporation](#)
[0908332025](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



PARTIAL 1
Scale 2:1

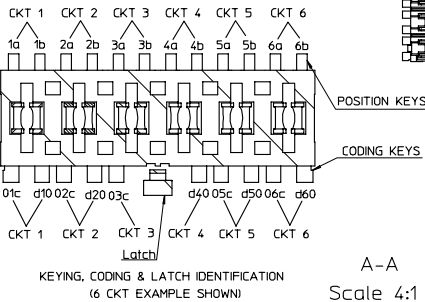


NOTES:

- 1. MATERIALS**
HOUSING: UNFILLED NYLON 6/6, RATED UL 94V-2
FOR COLOURS, SEE CHARTS ON SHEETS 2-6.
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

Ckt Size	A	B
2	5.00/(0.197)	9.90/(0.400)
3	10.00/(0.394)	14.90/(0.587)
4	15.00/(0.591)	19.90/(0.783)
5	20.00/(0.787)	24.90/(0.980)
6	25.00/(0.984)	29.90/(1.177)
7	30.00/(1.181)	34.90/(1.374)
8	35.00/(1.378)	39.90/(1.571)
9	40.00/(1.575)	44.90/(1.768)
10	45.00/(1.772)	49.90/(1.965)
11	50.00/(1.969)	54.90/(2.161)
12	55.00/(2.165)	59.90/(2.358)

CKT	NO. OF CONNECTORS PER TRAY, 99025-0021	NO. OF CONNECTORS PER BOX
2	1200	3600
3	750	2250
4	600	1800
5	450	1350
6	300	900
7	300	900
8	300	900
9	150	450
10	150	450
11	150	450
12	150	450



A-A
Scale 4:1

UPDATED TO ANNOV
EC NO. E2007-0946
DRAWN BY: DRW:BRUTILE
CHKD: 2007/11/21
APPR: BMAGUIRE
2007/11/21
DESCRIPTION
REV: AB

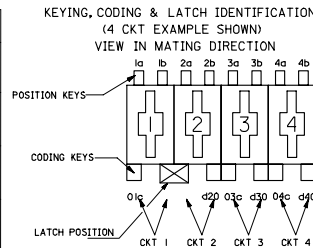
QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± 0.025 ± ---
2 PLACES ± 0.05 ± ---
1 PLACE ± 0.1 ± ---
ANGULAR ± 1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY: PC
DATE: 94/02/14
CHECKED BY: BMAGUIRE
DATE: 94/02/14
APPROVED BY: MWILHITE
DATE: 94/02/14
MATERIAL NO.
SEE CHARTS
SIZE: THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION
TITLE: 5MM APPLI-MATE 6A/10A F-INDIRECT CONN ASSY
MOLEX INCORPORATED
DOCUMENT NO.: SD-90833-001
SHEET NO.: 1 OF 6

MOLEX PART NO	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF
90833-0001		NATURAL	ALL	ALL	1/2		K00
90833-0002	2	BLUE	ALL	ALL	1/2		K01
90833-0003		NATURAL	ALL	ALL	1/2		K02
90833-0004	2	NATURAL	1b 2a	ALL	1/2		K03
90833-0005		YELLOW	ALL	ALL	1/2		K04
90833-0006	2	NATURAL	1a 2b	01c	1/2		K05
90833-0007		YELLOW	ALL	ALL	1/2		K06
90833-0008	2	BLUE	2a 2a	ALL	1/2		K07
90833-0009		NATURAL	ALL	ALL	1/2		K08
90833-0010	2	NATURAL	1a 2b	d20	1/2		K09
90833-0011		GREY	ALL	ALL	1/2		K10
90833-0012	2	NATURAL	1a 2b	d20	1/2		K11
90833-0013		YELLOW	ALL	ALL	1/2		K12
90833-0014	2	NATURAL	1b 2b	01c	1/2		K13
90833-0015		YELLOW	ALL	ALL	1/2		K14
90833-0016	2	BLUE	1a 1b	ALL	1/2		K15
90833-0017		NATURAL	2b	ALL	1/2		K16
90833-0018	2	NATURAL	1a 1b	ALL	1/2		K17
90833-0019		BLUE	1a 2b	ALL	1/2		K18
90833-0020	2	NATURAL	1a 1b	ALL	1/2		K19
90833-0021		YELLOW	2b	NONE	1/2		K20
90833-0022	2	NATURAL	1a 1b	01c	1/2		K21
90833-0023		NATURAL	1a 1b	01c	1/2		K22
90833-0024	2	NATURAL	2a	d20	1/2		K23
90833-0025		NATURAL	1a, 1b	d20	1/2		K24
90833-0026	2	NATURAL	2a, 2b	01c	1/2		K25



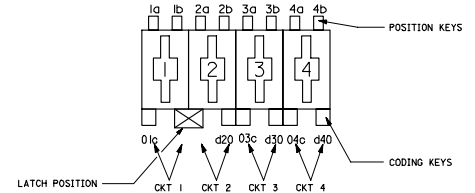
MOLEX PART NO	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF
90833-0011	2	BLUE	1a	ALL	1/2		K12
90833-0057	2	NATURAL	1b 2a	01c	1/2		K14
90833-0061	2	YELLOW	ALL	01c	1/2		K33
90833-0012		NATURAL	ALL	01c	1/2		K34
90833-0052	2	YELLOW	ALL	01c	1/2		K35
90833-0013		NATURAL	ALL	01c	1/2		K39
90833-0014	2	WHITE	ALL	d20	1/2		K40
90833-0048	2	GREY	1b 2b	d20	1/2		K41
90833-0015		WHITE	ALL	d20	1/2		K42
90833-0059	2	NATURAL	2a, 2b	d20	1/2		K43
90833-0074	2	GREY	1a 1b	01c	1/2		K44
90833-0016		NATURAL	1a 1b	01c	1/2		K45
90833-0069	2	NATURAL	1b 1b	ALL	1/2		K46
90833-0017		NATURAL	1a 2b	NONE	1/2		K47
90833-0072	2	NATURAL	2b	d20	1/2		K48
90833-0020		NATURAL	2b	d20	1/2		K49
90833-0021	2	NATURAL	1a 2a	ALL	1/2		K50
90833-0063	2	BLUE	1b 2a 2b	d20	1/2		K51
90833-0022		NATURAL	1b 2a	d20	1/2		K52
90833-0032	2	WHITE	1b, 2a	d20	1/2		K53
90833-0047		NATURAL					
90833-0056	2	NATURAL					
90833-0064		WHITE					
90833-0073	2	NATURAL					

UPDATED TO ANNOV EEC NO. E2007-0946 DRAWN BY: 2007/11/07 CHECKED: 2007/11/21 APPROVED: 2007/11/21 APPR: BMAGUIRE	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- INCH 3 PLACES ± 0.025 ± --- 2 PLACES ± 0.05 ± --- 1 PLACE ± 0.1 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM ONLY DRAWN BY: DATE: 94/02/14 CHECKED BY: DATE: 94/02/14 APPROVED BY: DATE: 94/02/14 MWILHITE	SCALE 1:1 DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 5MM APPLI-MATE 6A/10A F-INDIRECT CONN ASSY	MOLEX INCORPORATED DOCUMENT NO. SD-90833-001	SHEET NO. 2 OF 6
	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						

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.
90833-2001	5	NATURAL	1a 3a	01c d30	1/2 4/5		K30
90833-2002	5	NATURAL	1a 5b	01c d20 03c d50	1/2 3/4		K31
90833-2006	5	NATURAL	2a	01c d50	2/3 4/5		K43
90833-2007	5	NATURAL	ALL	01c d50	2/3 4/5		K42
90833-2008	5	NATURAL	ALL	ALL	2/3 4/5		K92
90833-2010	5	NATURAL	ALL	ALL	1/2 3/4		K00
90833-2011	5	NATURAL	ALL	ALL	1/2 4/5		K90
90833-2012	5	NATURAL	2a 4b	01c d20 d40	1/2 3/4		K44
90833-2019	5	NATURAL	1a 3a	01c d30 d50	1/2 4/5		K49
90833-2023	5	BLUE	NONE	d20 d40	1/2 3/4		K75
90833-2025	5	NATURAL	NONE	01c d40	1/2 3/4		K**
90833-2026	5	GREEN	2b	d20 d50	1/2 3/4		K**
90833-2027	5	NATURAL	1a 5b	01c d20 03c d50	1/2 3/4		K31
90833-2028	5	NATURAL	1a 4a	d30	1/2 4/5		K04
90833-2029	5	NATURAL	1a 3a	01c d50	1/2		K**

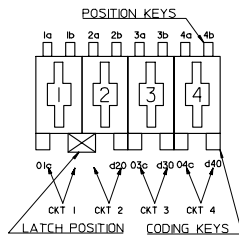
MOLEX PART NO	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF.
90833-2024	5	NATURAL	2a	01c, d50	2/3, 4/5		K43



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

UPDATED TO ANNON EC NO. E2007-0946 DRAWN BY: 2007/11/07 CHKD: 2007/11/21 APPROV: BMAGUIRE 2007/11/21 AB	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
				MM ONLY		1:1	METRIC	
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE		
	▽=0	4 PLACES	±---	PC	94/02/14	5MM APPLI-MATE 6A/10A		
		3 PLACES	±0.025	CHECKED BY	DATE	F-INDIRECT CONN ASSY		
		2 PLACES	±0.05	BMAGUIRE	94/02/14			
		1 PLACE	±0.1	APPROVED BY	DATE			
		ANGULAR ±1/2°		MWILHITE	94/02/14			
				MATERIAL NO.				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHARTS		DOCUMENT NO.	SD-90833-001	
			SIZE: 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				SHEET NO. 4 OF 6

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.					
90833-2750	6	NATURAL	ALL	ALL	2/3 4/5		K90					
90833-2751	6	GREY	ALL	02c d50	2/3 4/5		k38					
90833-2752	6	GREY	1b	02c d50	2/3 4/5		k40					
90833-2765	6	NATURAL	1b	03c d50	1/2 5/6		k91					
90833-2764	6	NATURAL	ALL	ALL	1/2 5/6		k53					
90833-2773	6	NATURAL	5b	01c d40	1/2 5/6		k61					
90833-2776	6	NATURAL	1b 6a	d30	1/2 5/6							
90833-2777	6	NATURAL	2b 6b	d40	1/2 5/6		k04					
90833-2778	6	BLUE	1b	d10 d50	2/3 4/5		k88					
90833-2779	6	NATURAL	5b	02C, 06C	3/4		K**					
90833-2780	8	NATURAL	1b 2a	d20 03c d50	1/2 4/5		K**					
90833-2781	6	NATURAL	NONE	d20, d60	1/2, 5/6		k108					



MOLEX PART NO	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF.
90833-3500	7	YELLOW	2b	d20 d60	1/2 5/6		K32
90833-3501	7	YELLOW	ALL	d20 d60	1/2 5/6		K33
90833-3502	7	YELLOW	ALL	d20 07c	1/2 5/6		K36
90833-3503	7	YELLOW	2b	d20 07c	1/2 5/6		K37
90833-3521	7	NATURAL	2b	d20 07c	1/2 5/6		
90833-3513	7	NATURAL	ALL	ALL	1/2 5/6		K00
90833-3514	7	NATURAL	NONE	d20	1/2 5/6		K44
90833-3518	7	NATURAL	ALL	ALL	2/3 6/7		K90
90833-3520	7	NATURAL	ALL	02c d50	2/3 6/7		K49
90833-3522	7	NATURAL	NONE	d20 03c 07c	5/6		K**
90833-3523	7	NATURAL	1a 6b	03c 07c	4/5		K**
90833-3824	7	NATURAL	1b 2a 3b 4a 5b 6a 6b 7a	d20 07c	1/2 5/6		K**
90833-3521	7	NATURAL	2b	d20 07c	1/2 5/6		K37

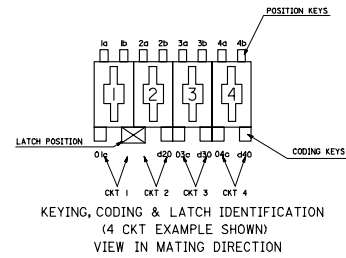
MOLEX PART NO	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF.
90833-4250	8	NATURAL	ALL	ALL	3/4 5/6		K00
90833-4251	8	NATURAL	1b 3a 3b 5a 5b 7a 8a	01b d20 03c 05c 07c	3/4 5/6		K36
90833-4256	8	NATURAL	ALL	ALL	1/2 7/8		K90
90833-4255	8	NATURAL	ALL	03c d60	1/2 7/8		K39
90833-4261	8	BLUE	ALL	03c d60	1/2 7/8		
90833-4254	8	NATURAL	2b 8a	03c d60	1/2 7/8		
90833-4264	8	NATURAL	8b	02a d30 07c	2/3 7/8		

UPDATED TO ANNO E.C. NO. E2007-0946 2007/11/07 DROWNBRITTE 2007/11/21 CHKS: APPROV: BMAGUIRE 2007/11/21 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY		1:1	METRIC			
	▽=0	mm	INCH	DRAWN BY	DATE	5MM APPLI-MATE 6A/10A F-INDIRECT CONN ASSY MOLEX MOLEX INCORPORATED				
	▽=0	4 PLACES	± ---	± ---	PC					94/02/14
		3 PLACES	± 0.025	± ---	CHECKED BY					DATE
		2 PLACES	± 0.05	± ---	BMAGUIRE					94/02/14
		1 PLACE	± 0.1	± ---	APPROVED BY					DATE
		ANGULAR 1/2°		MWILHITE	94/02/14					
			MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHARTS		SD-90833-001		5 OF 6			
		SIZE A		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
90833-5000	9	NATURAL	ALL	ALL	3/4 6/7		K00
90833-5001	9	NATURAL	1b 2a 3a 5a 6a 7b 8b	01a 03a d70 08a d90	3/4 6/7		K34
90833-5010	9	NATURAL	2b 5a	d80	2/3 7/8		K03
90833-5012	9	NATURAL	1b	03a	5/6		K0A

MOLEX PART NO	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF
90833-8000	12	NATURAL	ALL	ALL	3/4 9/10		K00
90833-8001	12	NATURAL	1a 2a 4a 4b 5a 6a 8a 11a	01a 03a 06a 07a d80 d10 11a	3/4 9/10		K41

90833-6000	10	NATURAL	ALL	ALL	3/4 7/8		K00
90833-6001	10	NATURAL	1a 3b 7b 8a	01a d20 d40 05a d100	3/4 7/8		K34
90833-6005	10	NATURAL	ALL	ALL	4/5 7/8		K38
90833-6006	10	NATURAL	ALL	ALL	4/5 6/7		K39
90833-6007	10	NATURAL	1a 10b	07a	4/5 7/8		K39
90833-6008	10	NATURAL	1b 9a	06a	4/5 6/7		K40
90833-6023	10	NATURAL	1b	03a	5/6		
90833-6024	10	NATURAL	4b 6b 8a 8b	d100	5/6		K**
90833-6025	10	NATURAL	4b 6b 8a 8b	06a d100	NONE		K**



MOLEX PART NO	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	REF
90833-7000	11	NATURAL	ALL	ALL	3/4 8/9		K00
90833-7001	11	NATURAL	1a 2b 3b 4a 4b 5a 7a 8a 9a 10a 11a	01a d40 05a 08a 10a	3/4 8/9		K33

UPDATED TO ANNOV EEC NO. E2007-0946 2007/11/07 DROWNBRITTE 2007/11/21 CHKO: 2007/11/21 APPROV: BMAGUIRE 2007/11/21 AB	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± 0.025 ± --- 2 PLACES ± 0.05 ± --- 1 PLACE ± 0.1 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM ONLY DRAWN BY DATE PC 94/02/14 CHECKED BY DATE BMAGUIRE 94/02/14 APPROVED BY DATE MWILHITE 94/02/14	SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE 5MM APPLI-MATE 6A/10A F-INDIRECT CONN ASSY	MOLEX INCORPORATED MATERIAL NO. SEE CHARTS SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DOCUMENT NO. SD-90833-001 SHEET NO. 6 OF 6