

Excellent Integrated System Limited

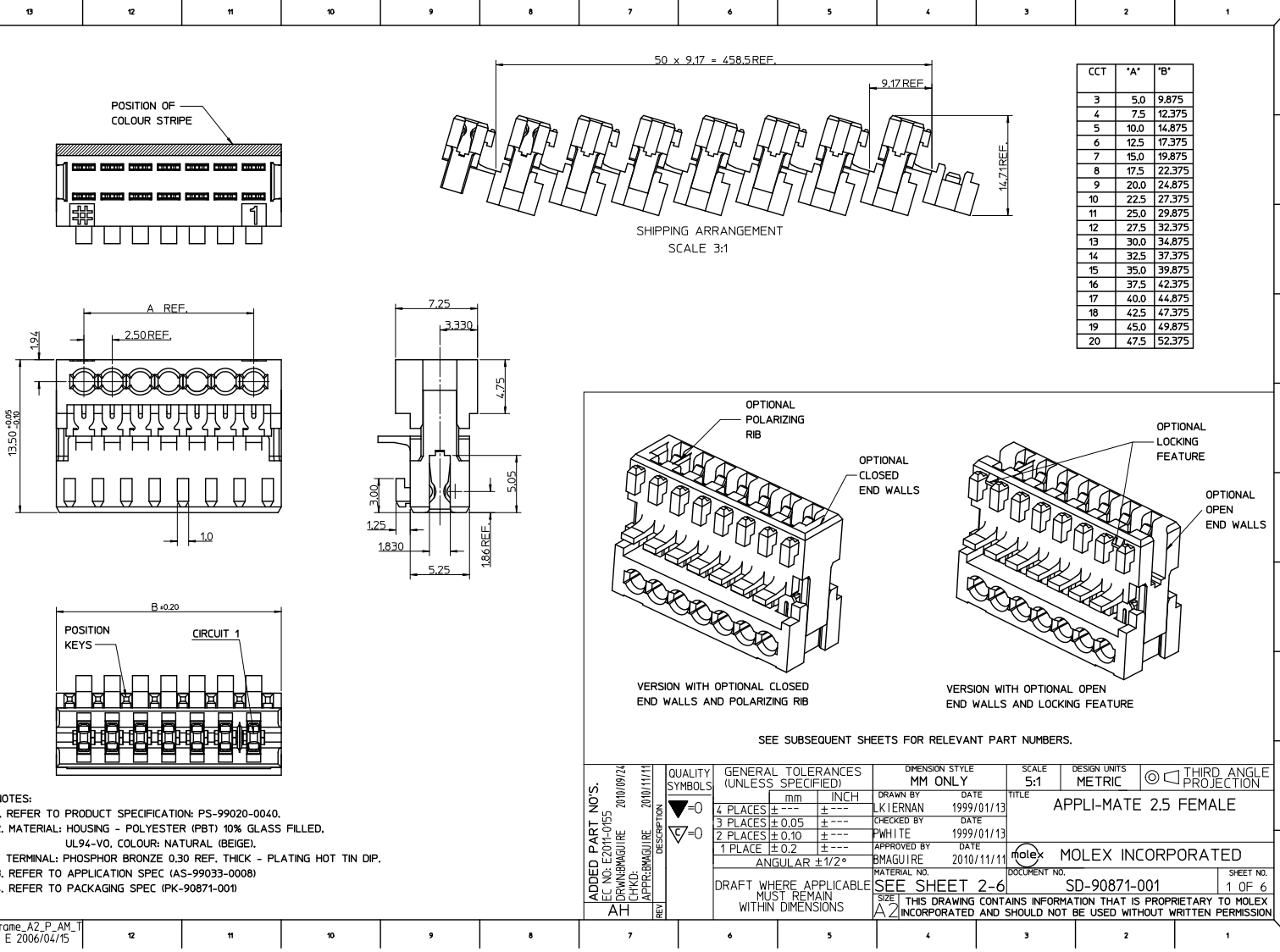
Stocking Distributor

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

[Molex Connector Corporation](#)
[0908715501](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

3 CIRCUIT

MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90871-0001	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE
90871-0002	NONE	a d		K36	OPEN	NONE	NONE	2.5	A	RED
90871-0003	NONE	a		K30	OPEN	NONE	NONE	2.5	A	NONE
90871-0014	NONE	b		K31	OPEN	NONE	NONE	2.5	A	NONE
90871-0015	NONE	c		K32	OPEN	NONE	NONE	2.5	A	NONE
90871-0016	NONE	d		K33	OPEN	NONE	NONE	2.5	A	NONE
90871-0017	NONE	b d		K34	OPEN	NONE	NONE	2.5	A	NONE
90871-0018	NONE	a c		K35	OPEN	NONE	NONE	2.5	A	NONE
90871-0019	NONE	a d		K36	OPEN	NONE	NONE	2.5	A	NONE
90871-0020	NONE	a b		K37	OPEN	NONE	NONE	2.5	A	NONE
90871-0021	NONE	b c		K38	OPEN	NONE	NONE	2.5	A	NONE
90871-0022	NONE	c d		K39	OPEN	NONE	NONE	2.5	A	NONE
90871-0024	CKT 3	c		K32	OPEN	NONE	NONE	2.5/5.0	A	BLUE
90871-0034	NONE	NONE		-	OPEN	BETWEEN CKT 1 & CKT 2	NONE	2.5	A	NONE
90871-0041	NONE	NONE		-	OPEN	BETWEEN CKT 2 & CKT 3	NONE	2.5	A	NONE
90871-0042	CKT 1	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE
90871-0251	NONE	NONE		-	CLOSED	BETWEEN CKT 2 & CKT 3	NONE	2.5	A	NONE
90871-0252	NONE	NONE		-	CLOSED	NONE	NONE	2.5	A	NONE
90871-0044	NONE	ALL		-	OPEN	NONE	NONE	2.5	A	NONE
90871-0253	NONE	NONE		K13	1ST CLOSED LAST OPEN	NONE	NONE	2.5	A	BLUE

NOTES

- + DENOTES TERMINAL VOIDED POSITION

⊙ DENOTES TERMINAL LOADED POSITION

| DENOTES POLARIZING RB POSITION
- A - APPLICABLE CABLE: 0.22 - 0.38 sqmm (12 CONDUCTORS)

B - APPLICABLE CABLE: 0.22 sqmm (7 CONDUCTORS)

0.34 sqmm (7 CONDUCTORS)

SEE SHEET 1 ELEC NO. E2010-055 DRAWN BY: CHND: APPROVED BY: AH DATE: 2010/09/24 DESIGNED BY: CHND: DATE: 2010/11/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	 	4 PLACES ± mm INCH 3 PLACES ± 0.05 ± mm INCH 2 PLACES ± 0.10 ± mm INCH 1 PLACE ± 0.2 ± mm INCH ANGULAR ±1/2°	DRAWN BY: DATE CHECKED BY: DATE APPROVED BY: DATE MATERIAL NO.	1:1	METRIC	
	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	MOLEX MOLEX INCORPORATED SD-90871-001 SHEET NO. 2 OF 6			

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

20	19	18	17	16	15	14	13	12		
4 CIRCUIT										
MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOR STRIPE
90871-0501	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE
90871-0502	NONE	d		K31	OPEN	NONE	NONE	2.5	A	NONE
90871-0503	NONE	a d		K33	OPEN	NONE	NONE	2.5	A	NONE
90871-0504	NONE	c e		K34	OPEN	NONE	NONE	2.5	A	NONE
90871-0505	NONE	a		K35	OPEN	NONE	NONE	2.5	A	NONE
90871-0506	NONE	NONE		-	OPEN	BETWEEN OKT 2 & OKT 3	NONE	2.5	A	NONE
90871-0538	NONE	b		K38	OPEN	NONE	NONE	2.5	A	NONE
90871-0530	NONE	b c		K30	OPEN	NONE	NONE	2.5	A	NONE
90871-0539	NONE	a b		K39	OPEN	NONE	NONE	2.5	A	NONE
90871-0540	NONE	d e		-	OPEN	NONE	NONE	2.5	A	NONE
90871-0541	NONE	ALL		-	OPEN	NONE	NONE	2.5	A	NONE
90871-0542	NONE	a b e		-	OPEN	NONE	NONE	2.5	A	NONE
90871-0677	NONE	b c		K30	OPEN	NONE	NONE	2.5	B	GREEN
90871-0678	NONE	c d		K32	OPEN	NONE	NONE	2.5	B	RED
90871-0679	NONE	a c e		K44	OPEN	NONE	NONE	2.5	B	NONE
90871-0507	OKT 1	NONE		K00P59	OPEN	NONE	NONE	2.5/5.0	A	NONE
90871-0751	NONE	NONE		-	CLOSED	BETWEEN OKT 3 & OKT 4	NONE	2.5	A	NONE
90871-0508	NONE	NONE		K01	OPEN	BETWEEN OKT 3 & OKT 4	NONE	2.5	A	RED
90871-0509	NONE	NONE		K14	OPEN	BETWEEN OKT 1 & OKT 2	NONE	2.5	A	BLUE
90871-0752	NONE	a b d		-	1ST CLOSED LAST OPEN	NONE	NONE	2.5	A	NONE
90871-0755	NONE	NONE		K02	1ST CLOSED LAST OPEN	NONE	NONE	2.5	A	NONE
90871-0510	NONE	a c d		K40	OPEN	NONE	NONE	2.5	A	NONE

5 CIRCUIT										
MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90871-1001	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE
90871-1002	NONE	ALL		-	OPEN	BETWEEN OKT 3 & OKT 4	NONE	2.5	A	NONE
90871-1003	NONE	NONE		-	OPEN	BETWEEN OKT 4 & OKT 5	NONE	2.5	A	NONE
90871-1004	NONE	c d		K30	OPEN	NONE	NONE	2.5	A	NONE
90871-1005	NONE	a		K34	OPEN	NONE	NONE	2.5	A	NONE
90871-1006	NONE	b		K35	OPEN	NONE	NONE	2.5	A	NONE
90871-1007	NONE	a b e f		K45	OPEN	NONE	NONE	2.5	A	NONE
90871-1008	NONE	NONE		-	OPEN	BETWEEN OKT 2 & OKT 3	NONE	2.5	A	NONE
90871-1009	OKT 2, 3, 4	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE
90871-1251	NONE	NONE		-	CLOSED	BETWEEN OKT 4 & OKT 5	NONE	2.5	A	NONE

NOTES

1. + DENOTES TERMINAL VOIDED POSITION
● DENOTES TERMINAL LOADED POSITION
I DENOTES POLARIZING RIB POSITION
- A - APPLICABLE CABLE: 0.22 - 0.38 sqmm (12 CONDUCTORS)
B - APPLICABLE CABLE: 0.22 sqmm (7 CONDUCTORS)
0.34 sqmm (7 CONDUCTORS)

SEE SHEET 1 EC NO. E201-075 DRAWING NO. CHKD. APPROV. 2010/09/24 2010/11/11 2010/11/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
6 CIRCUIT																					
	MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 9)	REF.	END WALLS	POLARIZING RB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE										
	90871-1501	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE										
	90871-1502	NONE	ALL		-	OPEN	BETWEEN OKT 3 & OKT 4	NONE	2.5	A	NONE										
	90871-1503	NONE	c e f g		K40	OPEN	NONE	NONE	2.5	A	NONE										
	90871-1504	NONE	ALL		-	OPEN	BETWEEN OKT 2 & OKT 3	NONE	2.5	A	NONE										
	90871-1505	OKT 2, 5	d f		K30	OPEN	NONE	NONE	2.5/5.0	A	NONE										
	90871-1506	NONE	a b f g		-	OPEN	NONE	NONE	2.5	A	NONE										
	90871-1507	NONE	e f		-	OPEN	NONE	NONE	2.5	A	NONE										
	90871-1508	NONE	d f		K30	OPEN	NONE	NONE	2.5	A	NONE										
	90871-1511	NONE	ALL		-	CLOSED	BETWEEN OKT 2 & OKT 3	NONE	2.5	A	NONE										
	90871-1509	NONE	g		K41	OPEN	NONE	NONE	2.5	A	NONE										
	90871-1510	OKT 2	c f		K00P45	OPEN	NONE	NONE	2.5/5.0	A	NONE										
	90871-1511	OKT 2, 5	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE										
	90871-1512	OKT 3, 5	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE										
	90871-1513	OKT 2, 4	b d e f		K34	OPEN	NONE	NONE	2.5/5.0	A	NONE										
	90871-1514	OKT 3, 5	NONE		-	OPEN	BETWEEN OKT 1 & OKT 2	NONE	2.5/5.0	A	NONE										
	90871-1515	OKT 2, 5	NONE		-	OPEN	BETWEEN OKT 2 & OKT 3	NONE	2.5/5.0	A	NONE										
	90871-1516	NONE	c f		-	OPEN	BETWEEN OKT 3 & OKT 4	NONE	2.5	A	NONE										
	90871-1517	NONE	c e		K46	OPEN	NONE	NONE	2.5	A	NONE										
	90871-1518	OKT 2, 4	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE										
	90871-1519	NONE	a c e		-	OPEN	NONE	NONE	2.5	A	NONE										
	90871-1520	OKT 5	c e		K46	OPEN	NONE	NONE	2.5/5.0	A	NONE										
	90871-1521	OKT 2, 4, 5, 6	c e		K46	OPEN	NONE	NONE	2.5/5.0	A	NONE										
	90871-1522	OKT 2, 6	c e		K46	OPEN	NONE	NONE	2.5/5.0	A	NONE										
	90871-1523	NONE	NONE		-	OPEN	BETWEEN OKT 4 & OKT 5	NONE	2.5	A	NONE										
	90871-1524	OKT 2, 4, 5, 6	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE										
NOTES 1. + DENOTES TERMINAL VOIDED POSITION 2. A - APPLICABLE CABLE: 0.22 - 0.38 sqmm (12 CONDUCTORS) B - APPLICABLE CABLE: 0.22 sqmm (7 CONDUCTORS) 3. 0.34 sqmm (7 CONDUCTORS) 4. DENOTES TERMINAL LOADED POSITION 5. DENOTES POLARIZING RB POSITION																					

6 CIRCUIT continued																				
	MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 9)	REF.	END WALLS	POLARIZING RB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (NOTE 2)	COLOUR STRIPE									
	90871-1525	OKT 2, 6	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE									
	90871-1526	OKT 2, 5	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE									
	90871-1528	NONE	b, d, e, g		-	OPEN	NONE	NONE	2.5	A	NONE									
	90871-1752	NONE	NONE		K06	CLOSED	BETWEEN OKT 5 & OKT 6	NONE	2.5	A	NONE									
	90871-1527	OKT 2, 5	c e		K46	OPEN	NONE	NONE	2.5/5.0	A	NONE									
	90871-1529	OKT 4	d		-	OPEN	NONE	NONE	2.5/5.0	A	NONE									
	90871-1753	NONE	NONE		K21	1ST CLOSED LAST OPEN	BETWEEN OKT 2 & OKT 3	NONE	2.5/5.0	A	BLUE									

7 CIRCUIT																				
	MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 8)	REF.	END WALLS	POLARIZING RB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE									
	90871-2001	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE									
	90871-2002	NONE	ALL		-	OPEN	BETWEEN OKT 2 & OKT 3	NONE	2.5	A	NONE									
	90871-2004	NONE	a		K30	OPEN	NONE	NONE	2.5	A	NONE									
	90871-2251	NONE	ALL		-	CLOSED	BETWEEN OKT 2 & OKT 3	NONE	2.5	A	NONE									
	90871-2005	OKT 2	h		K4P56	OPEN	NONE	NONE	2.5/5.0	A	NONE									
	90871-2006	OKT 4	a		K30P54	OPEN	NONE	NONE	2.5/5.0	A	NONE									
	90871-2007	OKT 2	NONE		K00P38	OPEN	NONE	NONE	2.5/5.0	A	NONE									
	90871-2008	NONE	b c f h		-	OPEN	NONE	NONE	2.5	A	NONE									
	90871-2253	NONE	ALL		-	CLOSED	BETWEEN OKT 6 & OKT 7	NONE	2.5	A	NONE									
	90871-2009	NONE	a d e f h		-	OPEN	NONE	NONE	2.5	A	NONE									
	90871-2010	NONE	b d e f h		-	OPEN	NONE	NONE	2.5	A	NONE									
	90871-2011	NONE	a b		K82	OPEN	NONE	NONE	2.5	A	NONE									
	90871-2012	NONE	c d e f g h		K83	OPEN	NONE	NONE	2.5	A	NONE									

SEE SHEET 1 FOR DIMENSIONS	2010/07/28	2010/11/11	DESCRIPTION	APPROVAL	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	APPLI-MATE 2.5 FEMALE	SHEET NO. 4 OF 6
							mm	INCH	MM ONLY	MM ONLY					
							4 PLACES ±	---	DRAWN BY	DATE					
							3 PLACES ±0.05	---	CHECKED BY	DATE					
							2 PLACES ±0.10	---	PHI	1999/01/13					
							1 PLACE ±0.2	---	APPROVED BY	DATE					
							ANGULAR ±1/2°		BHAIGUIRE		2010/11/11				
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHARTS						
									MATERIAL NO.		DOCUMENT NO.		SD-90871-001		
									THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

6 CIRCUIT continued											
MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (NOTE 2)	COLOUR STRIPE	
90871-1525	OKT 2, 6	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE	
90871-1526	OKT 2, 5	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE	
90871-1528	NONE	b, d, e, g		-	OPEN	NONE	NONE	2.5	A	NONE	
90871-1752	NONE	NONE		K06	CLOSED	BETWEEN OKT 5 & OKT 6	NONE	2.5	A	NONE	
90871-1527	OKT 2, 5	c e		K46	OPEN	NONE	NONE	2.5/5.0	A	NONE	
90871-1529	OKT 4	d		-	OPEN	NONE	NONE	2.5/5.0	A	NONE	
90871-1753	NONE	NONE		K21	1ST CLOSED LAST OPEN	BETWEEN OKT 2 & OKT 3	NONE	2.5/5.0	A	BLUE	

7 CIRCUIT

MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 9)	REF.	END WALLS	POLARIZING RB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90871-2001	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE
90871-2002	NONE	ALL		-	OPEN	BETWEEN OKT 2 & OKT 3	NONE	2.5	A	NONE
90871-2004	NONE	a		K30	OPEN	NONE	NONE	2.5	A	NONE
90871-2251	NONE	ALL		-	CLOSED	BETWEEN OKT 2 & OKT 3	NONE	2.5	A	NONE
90871-2005	OKT 2	h		K4P56	OPEN	NONE	NONE	2.5/5.0	A	NONE
90871-2006	OKT 4	a		K30P54	OPEN	NONE	NONE	2.5/5.0	A	NONE
90871-2007	OKT 2	NONE		K00P38	OPEN	NONE	NONE	2.5/5.0	A	NONE
90871-2008	NONE	b c f h		-	OPEN	NONE	NONE	2.5	A	NONE
90871-2253	NONE	ALL		-	CLOSED	BETWEEN OKT 6 & OKT 7	NONE	2.5	A	NONE
90871-2009	NONE	a d e f h		-	OPEN	NONE	NONE	2.5	A	NONE
90871-2010	NONE	b d e f h		-	OPEN	NONE	NONE	2.5	A	NONE
90871-2011	NONE	a b		K82	OPEN	NONE	NONE	2.5	A	NONE
90871-2012	NONE	c d e f g h		K83	OPEN	NONE	NONE	2.5	A	NONE

SEE SHEET 1 09/08/24 09/08/25 09/08/26 09/08/27 09/08/28 09/08/29 09/08/30 09/08/31 09/08/32 09/08/33 09/08/34 09/08/35 09/08/36 09/08/37 09/08/38 09/08/39 09/08/40 09/08/41 09/08/42 09/08/43 09/08/44 09/08/45 09/08/46 09/08/47 09/08/48 09/08/49 09/08/50 09/08/51 09/08/52 09/08/53 09/08/54 09/08/55 09/08/56 09/08/57 09/08/58 09/08/59 09/08/60 09/08/61 09/08/62 09/08/63 09/08/64 09/08/65 09/08/66 09/08/67 09/08/68 09/08/69 09/08/70 09/08/71 09/08/72 09/08/73 09/08/74 09/08/75 09/08/76 09/08/77 09/08/78 09/08/79 09/08/80 09/08/81 09/08/82 09/08/83 09/08/84 09/08/85 09/08/86 09/08/87 09/08/88 09/08/89 09/08/90 09/08/91 09/08/92 09/08/93 09/08/94 09/08/95 09/08/96 09/08/97 09/08/98 09/08/99 09/09/00 09/09/01 09/09/02 09/09/03 09/09/04 09/09/05 09/09/06 09/09/07

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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8 CIRCUIT

MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOR STRIPE
90871-2501	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE
90871-2502	NONE	NONE		K00	OPEN	BETWEEN OKT 3 & OKT 4	NONE	2.5	A	NONE
90871-2503	NONE	c f h i		-	OPEN	NONE	NONE	2.5	A	NONE
90871-2504	NONE	NONE		-	OPEN	BETWEEN OKT 2 & OKT 3	NONE	2.5	A	NONE
90871-2505	NONE	b c d h i		K30	OPEN	NONE	NONE	2.5	A	NONE
90871-2751	NONE	NONE		-	CLOSED	BETWEEN OKT 7 & OKT 8	NONE	2.5	A	NONE
90871-2506	NONE	NONE		-	OPEN	BETWEEN OKT 7 & OKT 8	NONE	2.5	A	NONE
90871-2507	OKT 3, 4, 5	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE
90871-2508	OKT 4, 5, 6	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE
90871-2752	NONE	a b c d e f g h		-	CLOSED	BETWEEN OKT 6 & OKT 7	NONE	2.5	A	NONE
90871-2753	NONE	NONE		K06	CLOSED	NONE	NONE	2.5	A	NONE
90871-2509	NONE	a c d e f g h i		-	OPEN	NONE	NONE	2.5	A	NONE
90871-2510	NONE	b d e f h		-	OPEN	NONE	NONE	2.5	A	NONE

9 CIRCUIT

MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOR STRIPE
90871-3001	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE
90871-3002	NONE	NONE		-	OPEN	BETWEEN OKT 4 & OKT 5	NONE	2.5	A	NONE
90871-3003	OKT 2, 5, 8	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE
90871-3004	NONE	NONE		-	OPEN	BETWEEN OKT 2 & OKT 3	NONE	2.5	A	NONE
90871-3251	NONE	NONE		-	CLOSED	BETWEEN OKT 8 & OKT 9	NONE	2.5	A	NONE
90871-3256	NONE	NONE		K06	1ST OPEN LAST CLOSED	NONE	NONE	2.5	A	NONE

10 CIRCUIT

MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOR STRIPE
90871-3501	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE
90871-3502	NONE	ALL		-	OPEN	BETWEEN OKT 2 & OKT 3	NONE	2.5	A	NONE
90871-3751	NONE	ALL		-	CLOSED	BETWEEN OKT 2 & OKT 3	NONE	2.5	A	NONE
90871-3503	OKT 2, 5, 7, 9	NONE		K00	OPEN	NONE	NONE	2.5/5.0	A	NONE
90871-3752	NONE	NONE		-	CLOSED	BETWEEN OKT 9 & OKT 10	NONE	2.5	A	NONE
90871-3753	NONE	NONE		-	1ST CLOSED LAST OPEN	NONE	NONE	2.5	A	NONE

11 CIRCUIT

MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOR STRIPE
90871-4001	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE
90871-4002	NONE	ALL		-	OPEN	BETWEEN OKT 9 & OKT 10	NONE	2.5	A	NONE
90871-4251	NONE	NONE		-	CLOSED	NONE	NONE	2.5	A	NONE

12 CIRCUIT

MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOR STRIPE
90871-4501	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE
90871-4751	NONE	NONE		-	CLOSED	BETWEEN OKT 11 & OKT 12	NONE	2.5	A	NONE

- NOTES: 1. + DENOTES TERMINAL VOIDED POSITION
 ● DENOTES TERMINAL LOADED POSITION
 I DENOTES POLARIZING RB POSITION
2. A - APPLICABLE CABLE: 0.22 - 0.38 sqmm (12 CONDUCTORS)
 B - APPLICABLE CABLE: 0.22 sqmm (7 CONDUCTORS)
 0.34 sqmm (7 CONDUCTORS)

SEE SHEET 1 EC NO. E201/055 CHNO. APPROVED BY AH DATE 2010/09/24 DESIGNED BY BMAJUIRE DATE 2010/11/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	 	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± 0.05 ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ±1/2°	DRAWN BY DATE K IERNAN 1999/01/13 CHECKED BY DATE WHITE 1999/01/13 APPROVED BY DATE BMAJUIRE 2010/11/11 MATERIAL NO. DOCUMENT NO.	1:1	METRIC	 APPLI-MATE 2.5 FEMALE
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHARTS	MOLEX INCORPORATED SD-90871-001 SHEET NO. 5 OF 6		
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
13 CIRCUIT																			
MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE									
90871-5001	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE									
90871-5002	OKT 4, 6, 8, 10, 12	NONE		K00 P39	OPEN	NONE	NONE	2.5/5.0	A	NONE									
90871-5003	NONE	c, f, h, i, k, l		K02	OPEN	NONE	NONE	2.5	A	NONE									
90871-5004	NONE	NONE		-	1ST OPEN LAST CLOSED	NONE	NONE	2.5	A	NONE									
90871-5005	NONE	NONE		K10	OPEN	BETWEEN CCT 13&2	NONE	2.5	A	NONE									

14 CIRCUIT										
MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90871-5501	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE
90871-5751	NONE	NONE		-	CLOSED	BETWEEN OCT 13 & OCT 14	NONE	2.5	A	NONE

15 CIRCUIT										
MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90871-6001	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE
90871-6251	NONE	a d g i j n o p		K01	CLOSED	BETWEEN OKT 14 & OKT 15	NONE	2.5	A	NONE
90871-6002	OKT 4, 6, 8, 10, 12, 14	o p		K00 P61	OPEN	NONE	NONE	2.5/5.0	A	NONE

16 CIRCUIT										
MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOR STRIPE
90871-6501	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE

17 CIRCUIT										
MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90871-7001	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE

18 CIRCUIT										
MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90871-7501	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE

19 CIRCUIT										
MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90871-8001	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE

20 CIRCUIT										
MOLEX PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90871-8501	NONE	NONE		K00	OPEN	NONE	NONE	2.5	A	NONE
90871-8751	NONE	NONE		K07	1ST CLOSED LAST OPEN	BETWEEN CCT 3&4	NONE	2.5	A	BLUE

SEE SHEET 1 REVISION 1 2010/09/24 0908715501 DRAWN BY: AH CHECKED: AH APPROVED: AH DATE: 2010/11/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	 	mm INCH 4 PLACES ± 0.05 ± --- 3 PLACES ± 0.10 ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 1/2°	MM ONLY DRAWN BY: KIERNAN DATE: 1999/01/13 CHECKED BY: WHITE DATE: 1999/01/13 APPROVED BY: BHAGUIRE DATE: 2010/11/11 MATERIAL NO.: DRAWING NO.: SD-90871-001	1:1	METRIC	
	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					