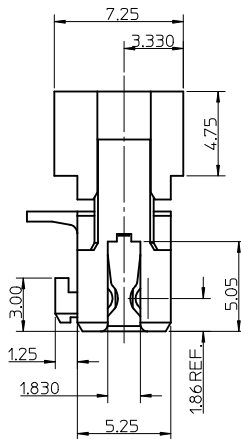
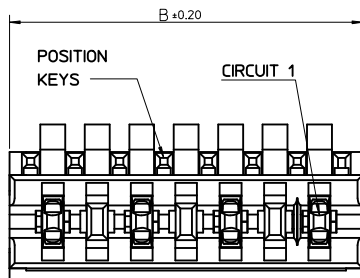
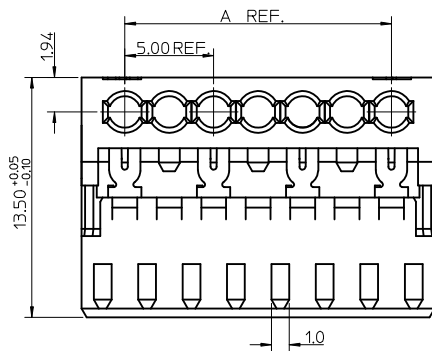
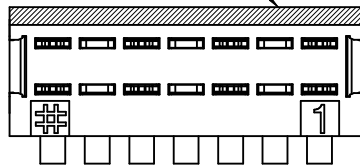
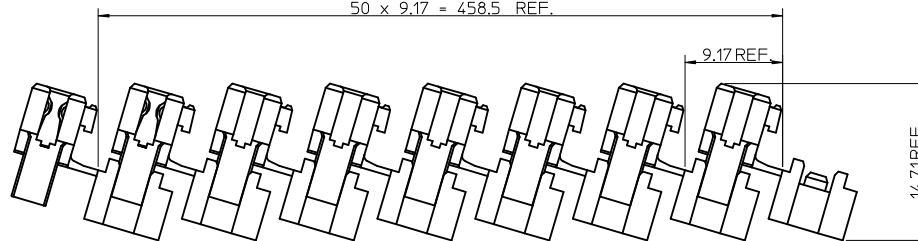


POSITION OF
COLOUR STRIPE



50 x 9.17 = 458.5 REF.



SHIPPING ARRANGEMENT
SCALE 3:1

CCT	*A*	*B*
2	5.0	9.875
3	10.0	14.875
4	15.0	19.875
5	20.0	24.875
6	25.0	29.875
7	30.0	34.875
8	35.0	39.875
9	40.0	44.875
10	45.0	49.875

OPTIONAL
POLARIZING
RIB

OPTIONAL
CLOSED
END WALLS

OPTIONAL
LOCKING
FEATURE

OPTIONAL
OPEN
END WALLS

VERSION WITH OPTIONAL CLOSED
END WALLS AND POLARIZING RIB

VERSION WITH OPTIONAL OPEN
END WALLS AND LOCKING FEATURE

SEE SUBSEQUENT SHEETS FOR RELEVANT PART NUMBERS.

NOTES:

- REFER TO PRODUCT SPECIFICATION: PS-99020-0040.
- MATERIAL: HOUSING - POLYESTER (PBT) 10% GLASS FILLED, UL94-V0, COLOUR: NATURAL (BEIGE).
TERMINAL: PHOSPHOR BRONZE 0.30 REF. THICK - PLATING HOT TIN DIP.
- REFER TO APPLICATION SPEC (AS-99033-0008)
- REFER TO PACKAGING SPEC (PK-90871-001)

ADDED NEW P/N's EC NO: E2010-0367 DRWN: BMAGUIRE 2010/04/28 CHKO: PWHITE 1999/05/04 APPR: BMAGUIRE 2010/05/28	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY LK IERNAN	DATE 1999/04/20	TITLE APPLI-MATE 2.5 FEMALE 5MM TERMINAL PITCH				
			4 PLACES	± ---	± ---	CHECKED BY PWHITE	DATE 1999/05/04					
			3 PLACES	± 0.05	± ---	APPROVED BY MWILHITE		DATE 1999/05/04	MOLEX INCORPORATED			
			2 PLACES	± 0.10	± ---	ANGULAR ±1/2°						
			1 PLACE	± 0.2	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2&3		SD-90872-001		SHEET NO. 1 OF 3
			SIZE A2		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
2 CIRCUIT																			
MOLEX PART NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE										
90872-0002	NONE		K00	OPEN	NO	NO	5.0	A	NATURAL										
90872-0003	a		K30	OPEN	NO	NO	5.0	A	NATURAL										
90872-0004	b		K31	OPEN	NO	NO	5.0	A	NATURAL										
90872-0005	c		K32	OPEN	NO	NO	5.0	A	NATURAL										
90872-0006	d		K33	OPEN	NO	NO	5.0	A	NATURAL										
90872-0007	b d		K34	OPEN	NO	NO	5.0	A	NATURAL										
90872-0008	a c		K35	OPEN	NO	NO	5.0	A	NATURAL										
90872-0009	a d		K36	OPEN	NO	NO	5.0	A	NATURAL										
90872-0010	a b		K37	OPEN	NO	NO	5.0	A	NATURAL										
90872-0011	b c		K38	OPEN	NO	NO	5.0	A	NATURAL										
90872-0012	c d		K39	OPEN	NO	NO	5.0	A	NATURAL										
90872-0501	NONE		-	CLOSED	BETWEEN HSG CKT 1 & CKT 2	NO	5.0	A	NATURAL										
90872-0014	b c d		K40	OPEN	NO	NO	5.0	A	NATURAL										
90872-0351	d		K00	OPEN	NO	NO	5.0	B	GREEN										
90872-0013	b c		K38	OPEN	NO	NO	5.0	A	RED										
90872-0015	b c d		K40	OPEN	NO	NO	5.0	A	BLUE										
90872-0016	c d		K39	OPEN	NO	NO	5.0	A	BLUE										
90872-0017	NONE		-	OPEN	BETWEEN HSG CKT 2 & CKT 3	NO	5.0	A	NATURAL										
90872-0018	NONE		-	OPEN	BETWEEN HSG CKT 1 & CKT 2	NO	5.0	A	NATURAL										
90872-0354	d		K30	OPEN	NO	NO	5.0	B	NATURAL										
90872-0019	a		K30	OPEN	NO	NO	5.0	A	RED										
90872-0020	d		K33	OPEN	NO	NO	5.0	A	BLUE										
90872-0352	a b		K37	OPEN	NO	NO	5.0	B	NATURAL										
90872-0021	NONE		K00	OPEN	NO	NO	5.0	A	RED										
90872-0022	c d		K39	OPEN	NO	NO	5.0	A	RED										
90872-0023	c		-	1ST OPEN LAST CLOSED	NO	NO	5.0	A	NATURAL										

2 CIRCUIT									
MOLEX PART NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90872-0024	a b d		-	OPEN	NO	NO	5.0	A	NATURAL
90872-0025	b d		-	OPEN	NO	NO	5.0	A	GREEN

3 CIRCUIT									
MOLEX PART NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90872-1001	NONE		K00	OPEN	NO	NO	5.0	A	NATURAL
90872-1002	b		K35	OPEN	NO	NO	5.0	A	NATURAL
90872-1003	c		K36	OPEN	NO	NO	5.0	A	NATURAL
90872-1004	c d e		K40	OPEN	NO	NO	5.0	A	NATURAL
90872-1005	NONE		-	OPEN	BETWEEN HSG CKT 4 & CKT 5	NO	5.0	A	NATURAL
90872-1007	NONE		-	OPEN	BETWEEN HSG CKT 1 & CKT 2	NO	5.0	A	NATURAL
90872-1008	b c e		K00	OPEN	NO	NO	5.0	A	NATURAL
90872-1009	d e		K38	OPEN	NO	NO	5.0	A	NATURAL
90872-1501	NONE		-	CLOSED	BETWEEN HSG CKT 4 & CKT 5	NO	5.0	A	NATURAL
90872-1010	a d e f		-	OPEN	NONE	NONE	5.0	A	NATURAL
90872-1011	e f		-	OPEN	NONE	NONE	5.0	A	NATURAL

NOTES

- + DENOTES TERMINAL VOIDED POSITION
⊕ DENOTES TERMINAL LOADED POSITION
| DENOTES POLARIZING 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: E2010-0367 DRAWN BY: CHODPWHITE CHECKED BY: APPR: BMAGUIRE DATE: 2010/04/28 DATE: 1999/05/04 DATE: 2010/05/28	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 LK IERNAN	DATE 1999/04/20	TITLE APPLI-MATE 2.5 FEMALE 5MM TERMINAL PITCH								
		4 PLACES ± ---	± ---	CHECKED BY PWHITE	DATE 1999/05/04									
		3 PLACES ± 0.05	± ---	APPROVED BY MWILHITE	DATE 1999/05/04									
		2 PLACES ± 0.10	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.						
		1 PLACE ± 0.2	± ---	SEE CHARTS		SD-90872-001		2 OF 3						
		ANGULAR ± 1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												

4 CIRCUIT

MOLEX PART NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90872-2001	NONE		K00	OPEN	NO	NO	5.0	A	NATURAL
90872-2002	a		K30	OPEN	NO	NO	5.0	A	NATURAL
90872-2003	b		K31	OPEN	NO	NO	5.0	A	NATURAL
90872-2004	d f		K37	OPEN	NO	NO	5.0	A	NATURAL
90872-2005	a e g		K43	OPEN	NO	NO	5.0	A	RED
90872-2006	c e		K49	OPEN	NO	NO	5.0	A	NATURAL
90872-2007	b c d f		-	OPEN	NO	NO	5.0	A	NATURAL
90872-2008	d e f g		-	OPEN	NO	NO	5.0	A	NATURAL
90872-2009	a b e f h		-	OPEN	NO	NO	5.0	A	NATURAL
90872-2010	a c e g		-	OPEN	NONE	NONE	5.0	A	NATURAL
90872-2011	a b d f g h		-	OPEN	NONE	NONE	5.0	A	NATURAL

5 CIRCUIT

MOLEX PART NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90872-3001	NONE		K00	OPEN	NO	NO	5.0	A	NATURAL
90872-3002	a c		K69	OPEN	NONE	NONE	5.0	A	NATURAL

6 CIRCUIT

MOLEX PART NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90872-4001	NONE		K00	OPEN	NO	NO	5.0	A	NATURAL

7 CIRCUIT

MOLEX PART NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90872-5001	a c e g i k m		K03	OPEN	NO	NO	5.0	A	NATURAL
90872-5002	c d g h i j k		-	OPEN	NO	NO	5.0	A	NATURAL

8 CIRCUIT

MOLEX PART NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	REF.	END WALLS	POLARIZING RIB	LOCKING DEVICE	CONTACT PITCH	CABLE TYPE (SEE NOTE 2)	COLOUR STRIPE
90872-6001	NONE		K00	OPEN	NO	NO	5.0	A	NATURAL

NOTES

- + DENOTES TERMINAL VOIDED POSITION
 - ⊕ DENOTES TERMINAL LOADED POSITION
 - ⊖ DENOTES POLARIZING RIB POSITION
- A - APPLICABLE CABLE: 0.22 - 0.38 sq/mm (12 CONDUCTORS)
 - B - APPLICABLE CABLE: 0.22 sq/mm (7 CONDUCTORS)
 - 0.34 sq/mm (7 CONDUCTORS)

SEE SHEET 1 EC NO: E2010-0367 DRAWN BY: BWMAGUIRE CHKD BY: WHITE APPR: BWMAGUIRE 2010/04/28 1999/05/04 2010/05/28	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±.--- ±.--- 3 PLACES ±.05 ±.--- 2 PLACES ±.10 ±.--- 1 PLACE ±.2 ±.--- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			DRAWN BY LK IERNAN		DATE 1999/04/20	TITLE APPLI-MATE 2.5 FEMALE 5MM TERMINAL PITCH		
			CHECKED BY PWHITE		DATE 1999/05/04	MOLEX INCORPORATED		
			APPROVED BY MWILHITE		DATE 1999/05/04	DOCUMENT NO. SD-90872-001		
MATERIAL NO.			SIZE A 1			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
SHEET NO. 3 OF 3								



**Стандарт
Электрон
Связь**

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