



- NOTES:
1. MATERIAL: CONTACT. PHOSPHOR BRONZE. HOUSING. NYLON 66. 94V-0.
 2. MAX INSERTION FORCE OF TERMINAL ON TO PIN 10N.
 3. MIN RETENTION FORCE OF TERMINAL IN MOULDING 60N.
 4. NO EXTERNAL SHARP EDGES TO BE PRESENT ON MOULDING.
 5. FOR PART NUMBERS SEE SHEET 2.
 6. MOULDINGS ARE ASSEMBLED USING ULTRASONIC WELDING TECHNIQUE.

RESTRICTED ISSUE

FOR PREVIOUS DRAWING ISSUES SEE MRL.	ECN E30160 INDV-BB PR	REVISIONS	DRWG BY JWP	REVISE ONLY ON CAD SYSTEM	2 T
		DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 9° INCH (METRIC) 3 PLACE ± 0.00 2 PLACE ± 0.25 1 PLACE ±	DRWG BY	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	1 T
		DESIGN DIMENSION (MM) (IN) (PRIMARY) □ IN	APP'D BY	TITLE CROUZET ASSEMBLY WITH LOW CURRENT CONTACTS	ShT. REV.
		EQUIVALENT DIMENSION (SECONDARY) (MM) (IN) □ MM □ IN	SCALE 4:1	MOLEX EUROPE 1 OF 2 16 / 7/86	
			SCALE	PART NO. SEE CHART DWG NO. SDA-90417	SIZE C

PART NO. SEE CHART
DWG NO. SDA-90417

PART NO.	NO. OF CCTS	KEYING / POLARIZING BETWEEN APERTURES	CONTACT LOADING												DIMENSION "A"	DIMENSION "B"	HOUSING IDENT' MARK	CONTACT ARRNGMNT IDENT' MARK 1 MARK 2		
			1	2	3	4	5	6	7	8	9	10	11	12						
90417-0401	4	3 & 4	1	2	3	4										(26.45)/1.041	(19.05)/.750	NATURAL	NATURAL	NATURAL
↑ -0402	4	*	1	2	3	4										(26.45)/1.041	(19.05)/.750	NATURAL	GREEN	NATURAL
-0801	8	1 & 2 / 6 & 7	1	2	3	4	5	6	7	8						(51.85)/2.041	(44.45)/1.750	NATURAL	NATURAL	NATURAL
-0811	8	1 & 2 / 6 & 7	1	2	3	4	5	6	7	8						(51.85)/2.041	(44.45)/1.750	YELLOW	NATURAL	NATURAL
-1211	12	1 & 2 / 10 & 11	1	2	3	4	5	6	7	8	9	10	11	12	(77.25)/3.041	(69.85)/2.750	NATURAL	BLACK	NATURAL	
-1221	12	*	1	2	3	4	5	6	7	8	9	10	11	12			NATURAL	GREEN	NATURAL	
-1231	12	*	1	2	3	4	5	6	7	8	9	10	11	12			NATURAL	PINK	NATURAL	
-1241	12	*	1	2	3	4	5	6	7	8	9	10	11	12			NATURAL	BLUE	NATURAL	
-1251	12	*	1	2	3	4	5	6	7	8	9	10	11	12			NATURAL	ORANGE	NATURAL	
-1271	12	*	1	2	3	4	5	6	7	8	9	10	11	12			NATURAL	NATURAL	NATURAL	
-1281	12	*	1	2	3	4	5	6	7	8	9	10	11	12			NATURAL	YELLOW	NATURAL	
-1212	12	1 & 2 / 9 & 10	1	2	3	4	5	6	7	8	9	10	11	12			BLACK	BLACK	NATURAL	
-1222	12	*	1	2	3	4	5	6	7	8	9	10	11	12			BLACK	GREEN	NATURAL	
-1232	12	*	1	2	3	4	5	6	7	8	9	10	11	12			BLACK	PINK	NATURAL	
-1242	12	*	1	2	3	4	5	6	7	8	9	10	11	12			BLACK	BLUE	NATURAL	
-1262	12	*	1	2	3	4	5	6	7	8	9	10	11	12			BLACK	YELLOW	NATURAL	
-1272	12	*	1	2	3	4	5	6	7	8	9	10	11	12			BLACK	YELLOW	GREEN	
-1282	12	*	1	2	3	4	5	6	7	8	9	10	11	12			BLACK	ORANGE	NATURAL	
-1203	12	1 & 2 / 8 & 9	1	2	3	4	5	6	7	8	9	10	11	12			ORANGE	GREEN	NATURAL	
-1213	12	*	1	2	3	4	5	6	7	8	9	10	11	12			ORANGE	BLACK	NATURAL	
-1223	12	*	1	2	3	4	5	6	7	8	9	10	11	12			ORANGE	GREEN	GREEN	
-1243	12	*	1	2	3	4	5	6	7	8	9	10	11	12			ORANGE	BLUE	NATURAL	
-1204	12	1 & 2 / 7 & 8	1	2	3	4	5	6	7	8	9	10	11	12			RED	GREEN	NATURAL	
-1245	12	1 & 2 / 6 & 7	1	2	3	4	5	6	7	8	9	10	11	12			YELLOW	BLUE	NATURAL	
-1256	12	1 & 2 / 5 & 6	1	2	3	4	5	6	7	8	9	10	11	12			BLUE	NATURAL	NATURAL	
↓ -1257	12	1 & 2 / 4 & 5	1	2	3	4	5	6	7	8	9	10	11	12			GREEN	ORANGE	NATURAL	
90417-1218	12	1 & 2 / 3 & 4	1	2	3	4	5	6	7	8	9	10	11	12	(77.25)/3.041	(69.85)/2.750	BROWN	BLACK	NATURAL	

EXAMPLE: 90417-1215

KEYING / POLARIZING CODE
CONTACT LOADING SEQUENCE
PRODUCT BASE NO.

NOTES: 1. X DENOTES VOID POSITIONS.
2. IDENT' MARKS LISTED AS NATURAL INDICATE THAT NO MARK IS MADE IN THAT POSITION.

RESTRICTED ISSUE

FOR PREVIOUS DRAWING ISSUES SEE MRL.

T SEE SHEET 1.

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± 9 INCH (METRIC)	3 PLACE ± .010
	2 PLACE ± .025
	1 PLACE ± .050
	± .100
NOTE: WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
DESIGN DIMENSION (PRIMARY)	<input checked="" type="checkbox"/> IN (MM)
EQUIVALENT DIMENSION (SECONDARY)	<input type="checkbox"/> IN (MM) <input type="checkbox"/> IN (IN)

DRWG BY: JWP
CHKD BY:
APPD BY:
SCALE:

REVISE ONLY ON CAD SYSTEM		SH	REV.
CAD/CAM FILE NAME: SAKSHATZ DCA		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
TITLE: CROUZET ASSEMBLY WITH LOW CURRENT CONTACTS			
MOLEX EUROPE		SHEET NO. DATE: 20F 10/4 /86	SIZE: C
PART NO. SEE CHART		DWG NO. SDA-90417	

PART NO. SEE CHART
DWG NO. SDA-90417