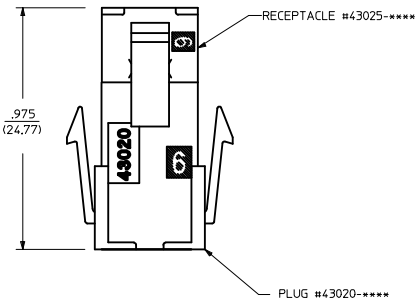
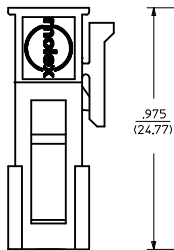


PART CHARACTERISTICS		
NUMBER OF POSITION	ASSEMBLY ITEM NUMBER	MATERIAL
02	43025-0200	"B"
04	43025-0400	
06	43025-0600	
08	43025-0800	
10	43025-1000	
12	43025-1200	"A"
14	43025-1400	"B"
16	43025-1600	"A"
18	43025-1800	"B"
20	43025-2000	
22	43025-2200	
24	43025-2400	

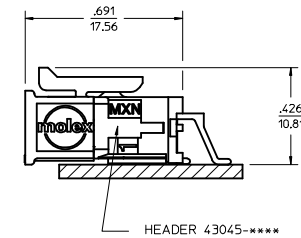
CKT. NO.	DIM. "A" +.014 -.010 +.035 -.025	DIM. "B"
2	.152/(3.86)	N/A
4	.270/(6.85)	.118/(3.00)
6	.388/(9.85)	.236/(6.00)
8	.506/(12.85)	.354/(9.00)
10	.624/(15.85)	.472/(12.00)
12	.742/(18.85)	.591/(15.00)
14	.860/(21.85)	.709/(18.00)
16	.978/(24.85)	.827/(21.00)
18	1.096/(27.85)	.945/(24.00)
20	1.215/(30.85)	1.063/(27.00)
22	1.333/(33.85)	1.181/(30.00)
24	1.451/(36.85)	1.299/(33.00)

NOTES:

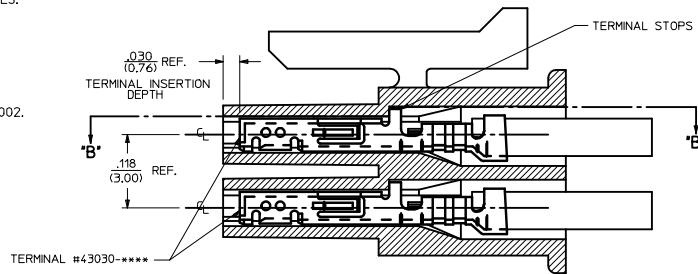
- HOUSING MATERIAL:
"A" - UNFILLED POLYESTER, RATED UL, 94V-0, COLOR IS BLACK.
"B" - UNFILLED NYLON, RATED UL, 94V-0, HALOGEN-FREE, COLOR IS BLACK.
- FINISH: N/A
- PRODUCT SPECIFICATION: PS-43045
- PACKAGING SPECIFICATION: PK-43025-001
- THIS RECEPTACLE MATES WITH 43020, 43045.
- THIS RECEPTACLE TO BE USED WITH MOLEX FEMALE TERMINAL SERIES 43030 OR 46235. SEE SECTION "A"- "A" FOR TERMINAL ORIENTATION IN HOUSING.
- FOR OVERMOLDING PARAMETERS SEE ENGINEERING SPECIFICATION #SDS-43025-1000.
- TOP PULL TABS ARE NOT AVAILABLE ON 2 AND 4 CIRCUIT PARTS.
- MOLEX RECOMMENDS THE USE OF MICRO-FIT TEST PLUG, SERIES NO. 44242-**** WHENEVER TESTING IS PERFORMED. TEST PLUGS MUST NOT BE USED FOR MAKE OR BREAK UNDER LOAD. MOLEX DOES NOT RECOMMEND USING STANDARD MATING COMPONENTS FOR HARNESS TESTING PURPOSES.
- SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE THAT DOES NOT AFFECT FUNCTIONALITY.
- HOUSINGS HAVE EITHER AN IDENTIFIER RIB OR ENGRAVED "1" SYMBOL TO INDICATE CIRCUIT #1. IDENTIFIER TYPE IS TOOL DEPENDENT AND NOT SELECTABLE.
- DIMENSION "A" MEASURED AT DATUM \overline{A}
- THIS PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



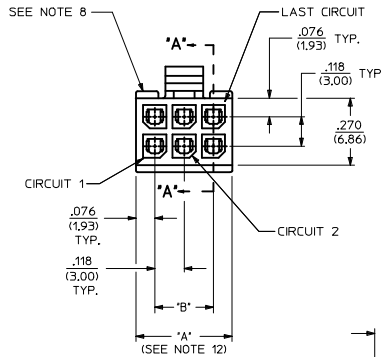
MATED MICRO-FIT CONNECTOR



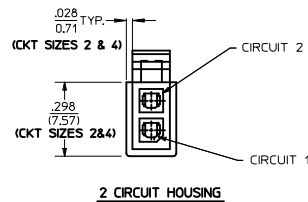
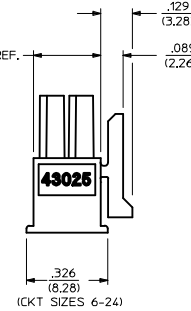
HOUSING SHOWN WITH FIRST CIRCUIT IDENTIFIER RIB
(SEE NOTE #11)



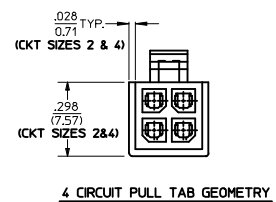
SECTION "A"- "A"
WITH TERMINAL
SCALE 10X



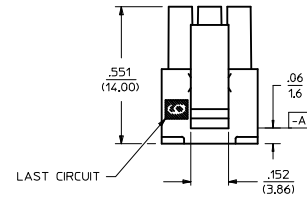
FIRST CIRCUIT IDENTIFIER SYMBOL
(SEE NOTE #11)



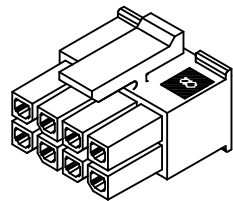
2 CIRCUIT HOUSING



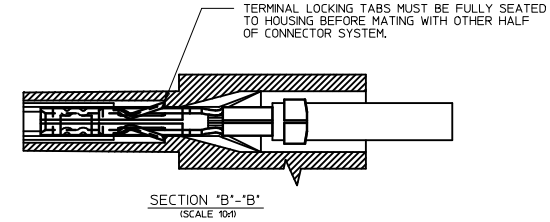
4 CIRCUIT PULL TAB GEOMETRY




LAST CIRCUIT



RECEPTACLE
ISO VIEW
(8 CIRCUIT SHOWN)
(SEE NOTE 9 FOR TESTING)

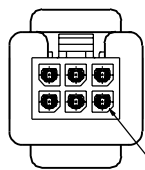
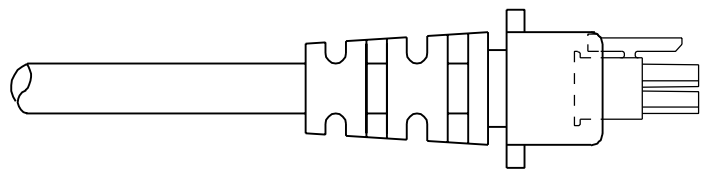


SECTION "B"- "B"
SCALE 10X

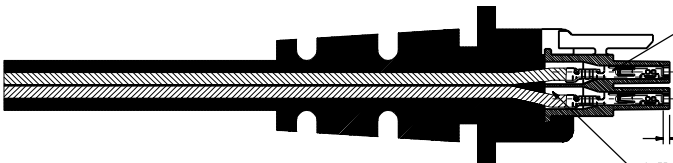
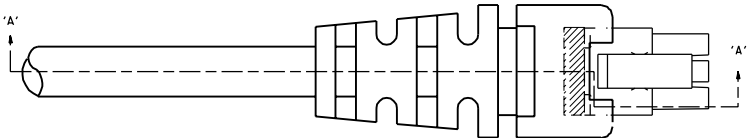
ADD NOTE 12		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: UCP2013-1430		2017/01/08		mm		IN/MM		4:1		METRIC			
DRAWN BY: CHIKOSHI		2017/01/08		INCH		DATE		TITLE		MICRO-FIT (3.0)			
CHECKED BY: CHIKOSHI		2017/01/08		4 PLACES ± .010		A. F. G. 1993/01/14		2 THRU 24 CIRCUIT		RECEPTACLE			
APPROVED BY: CHIKOSHI		2017/01/08		3 PLACES ± .010		CHECKED BY DATE							
				2 PLACES ± 0.25 ± .014		B. A. P. 1993/01/14							
				1 PLACE ± 0.35 ± .014		APPROVED BY DATE							
				0 PLACE ± ±		R. A. S. 1993/01/14							
				ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-43025-****				1 OF 1	
01		REV				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

NOTES:

- 1) OVERMOLDED MATERIAL SHOULD NOT ENCAPSULATE THE TERMINAL IN AND AROUND THE WIRE CRIMP AREA.
- 2) TERMINALS MUST BE CENTERED AND PERPENDICULAR INSIDE THE RECEPTACLE HOUSING BEFORE AND AFTER OVERMOLDING.
- 3) DEVICE USED TO CENTER TERMINALS MUST NOT EXCEED .020 SQUARE IN ORDER TO PREVENT TERMINAL DEFORMATION.
- 4) OVERMOLD TOOLING MUST NOT DAMAGE INTERNAL OR EXTERNAL FEATURES OF CABLE ASSEMBLY.
- 5) THE OVERMOLDING TEMPERATURES DURING PROCESSING MUST NOT EXCEED 320°F
- 6) REMOVAL OF CABLE ASSEMBLY FROM THE TOOLING MUST NOT IN ANY WAY DAMAGE THE SUPPLIED COMPONENTS.
- 7) MOLEX IS RESPONSIBLE ONLY FOR COMPONENTS SUPPLIED TO THE OVERMOLDER, BUT NOT FOR NONCONFORMANCES INDUCED DURING THE OVERMOLDING PROCESS, SUCH AS OVERMOLD MATERIAL IN THE CONTACT AREA, TERMINALS THAT ARE EITHER OUT OF CENTER OR LACK OF TERMINAL MOBILITY AFTER BEING OVERMOLDED, AND ANY DEFORMATION TO TERMINALS OR HOUSINGS IN GENERAL.



TERMINALS MUST BE CENTERED IN RECEPTACLE PRIOR TO OVERMOLDING



TERMINALS SHOULD BE FULLY SEATED (APPROXIMATELY .030/(0.76) FROM TOP OF SILOS) BEFORE OVERMOLDING

.030 (0.76) REF.

OVERMOLD MATERIAL SHOULD NOT PROCEED PASS WIRE CRIMP

SECTION 'A'- 'A'

B	REVISED PER		FORM 10-0172	BAP
	01/31/95			
A	REVISED PER		FORM 10-0172	BAP
	06/23/94			
REV. LTR.		REVISIONS		

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