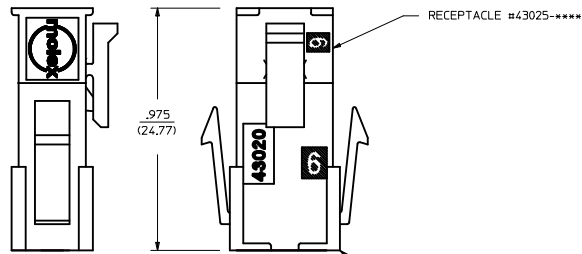
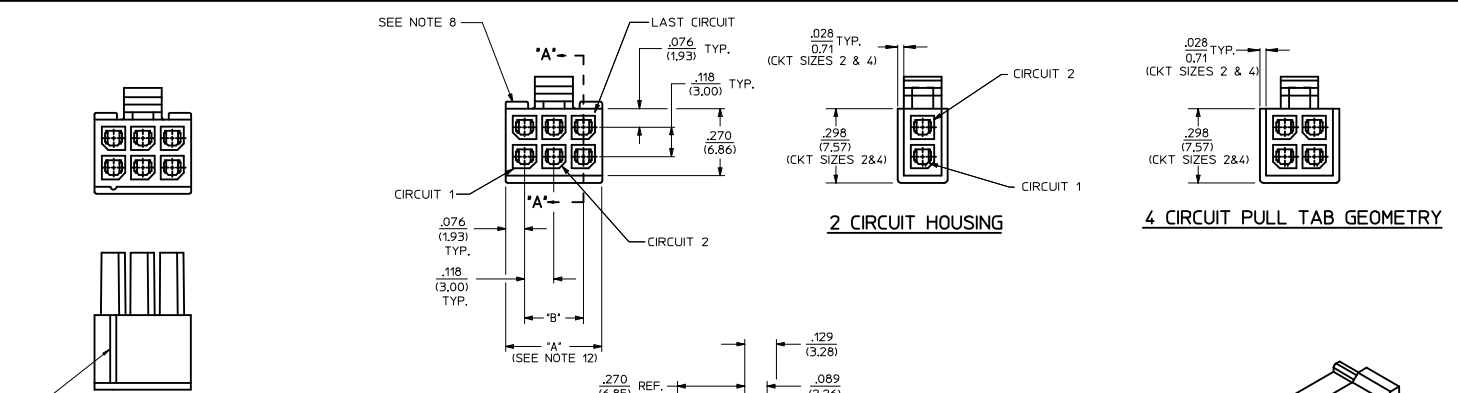


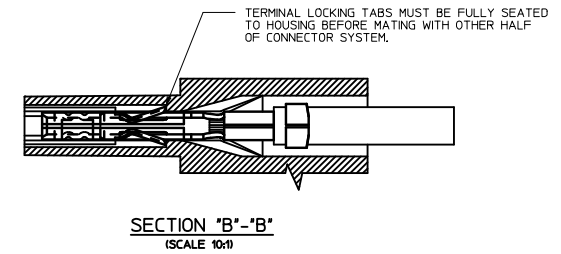
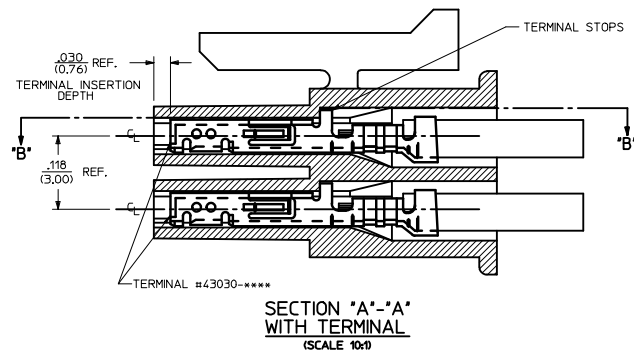
PART CHARACTERISTICS		CKT. NO.	DIM. 'A'	DIM. 'B'
NUMBER OF POSITION	ASSEMBLY ITEM NUMBER		$+0.14 \text{ } -0.10$ $+0.35 \text{ } -0.25$	
02	43025-0208	2	.152/(3.86)	N/A
04	43025-0408	4	.270/(6.85)	.118/(3.00)
06	43025-0608	6	.388/(9.85)	.236/(6.00)
08	43025-0808	8	.506/(12.85)	.354/(9.00)
10	43025-1008	10	.624/(15.85)	.472/(12.00)
12	43025-1208	12	.742/(18.85)	.591/(15.00)
14	43025-1408	14	.860/(21.85)	.709/(18.00)
16	43025-1608	16	.978/(24.85)	.827/(21.00)
18	43025-1808	18	1.096/(27.85)	.945/(24.00)
20	43025-2008	20	1.215/(30.85)	1.063/(27.00)
22	43025-2208	22	1.333/(33.85)	1.181/(30.00)
24	43025-2408	24	1.451/(36.85)	1.299/(33.00)



**MATED MICRO-FIT CONNECTOR**

**NOTES:**

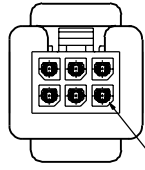
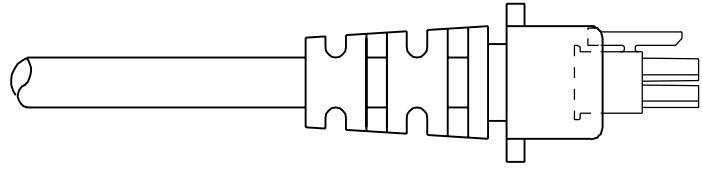
- HOUSING MATERIAL: UNFILLED NYLON, RATED UL 94V-0, COLOR IS BLACK, (LOW HALOGEN)
- FINISH: N/A
- PRODUCT SPECIFICATION: PS-43045
- PACKAGING SPECIFICATION: PK-43025-001
- THIS RECEPTACLE MATES WITH 43020, 43045
- THIS RECEPTACLE TO BE USED WITH MOLEX FEMALE TERMINAL SERIES 43030 OR 46235. SEE SECTION 'A'-'A' FOR TERMINAL ORIENTATION IN HOUSING.
- FOR OVERMOLDING PARAMETERS SEE ENGINEERING SPECIFICATION #SDES-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 DEPENDANT AND NOT SELECTABLE.
- DIMENSION 'A' MEASURED AT DATUM  $\text{---A---}$
- THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002



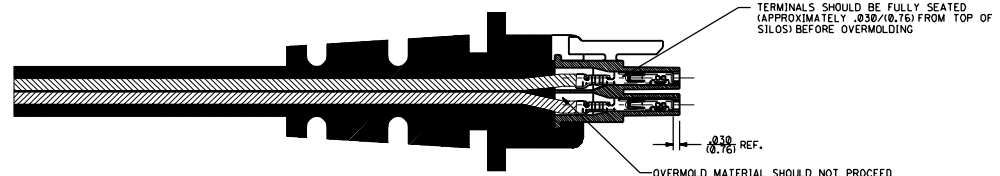
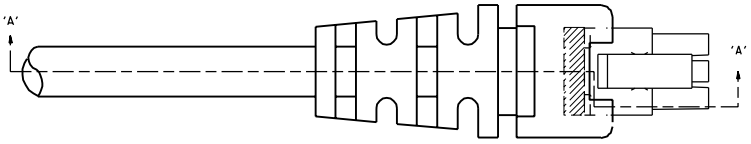
<b>REVISED NOTE 1</b> IEC NO. UCP2017-0297 DRAWN/OUTLES 2016/08/04 CHKD/SSOUSEK 2016/08/04 APPR/FSMITH 2016/08/25	<b>QUALITY SYMBOLS</b> $\nabla=0$ $\nabla=0$ $\nabla=0$	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> IN/MM		<b>SCALE</b> METRIC	<b>DESIGN UNITS</b> METRIC	THIRD ANGLE PROJECTION		
		4 PLACES $\pm$ --- $\pm$ --- 3 PLACES $\pm$ --- $\pm$ .010 2 PLACES $\pm$ 0.25 $\pm$ .014 1 PLACE $\pm$ 0.35 $\pm$ --- 0 PLACE $\pm$ --- $\pm$ ---	mm INCH	DRAWN BY MKIPPER	DATE 2008/01/22	TITLE MICRO-FIT (3.0) 2 THRU 24 CIRCUIT RECEPTACLE, LOW HALOGEN	<b>molex</b>	MATERIAL NO. <b>SEE CHART</b>	DOCUMENT NO. SD-43025-001	SHEET NO. 1 OF 1
		ANGULAR $\pm$ 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY DATE 2016/08/25		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 EEM 14-0172 01/31/95	BAP
A	REVISED PER EEM 14-0138 06/23/94	BAP

DIMENSIONS SHOWN METRIC UNLESS OTHERWISE NOTED		REVISE ONLY ON CAD SYSTEM	
1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED	2. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED	3. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED	4. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED
TITLE: MICRO-FIT (3.0) OVERMOLDING SPECIFICATIONS		PART NO: SDES-43025-1000	
DRAWN BY: BAP		DATE: 06/23/94	
CHECKED BY: BAP		SCALE: 4:1	
MATERIAL: NONE		MATERIAL: NONE	
MATERIAL: NONE		MATERIAL: NONE	
MATERIAL: NONE		MATERIAL: NONE	