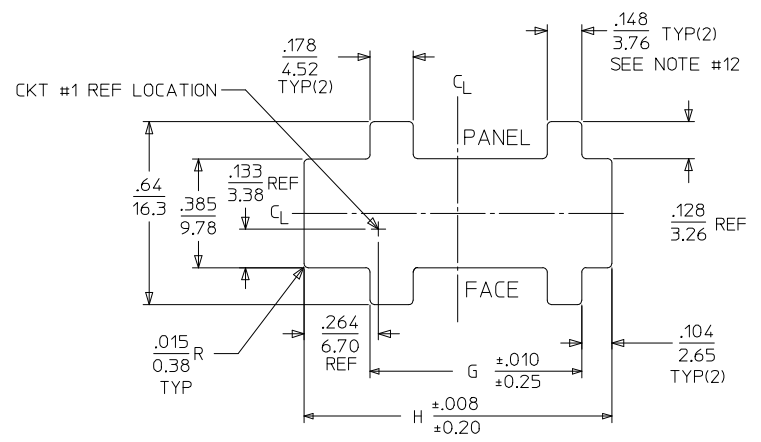
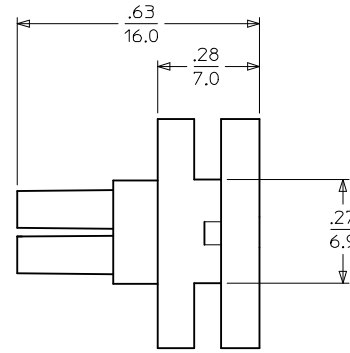
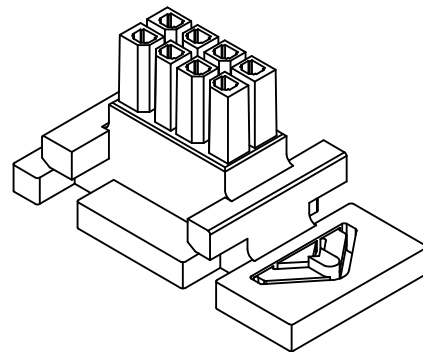
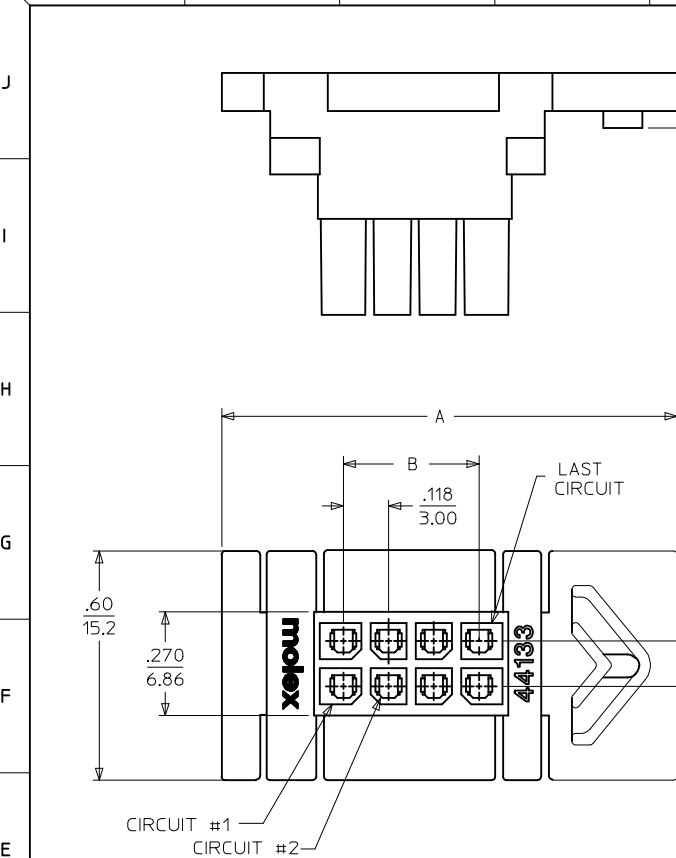
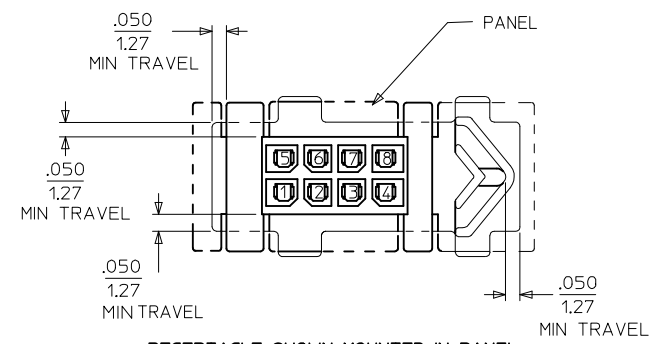


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RECOMMENDED PANEL CUT-OUT
(SEE NOTE #7, #9, & #12)



RECEPTACLE SHOWN MOUNTED IN PANEL

- NOTES:
1. MATERIAL: UNFILLED POLYESTER (PBT), UL94V-0, COLOR: BLACK
 2. FINISH: N/A
 3. PRODUCT SPECIFICATION: PS-44300-001
 4. PACKAGING SPECIFICATION: TRAY PACKED PER PK-44133-002
 5. THIS RECEPTACLE MATES WITH MOLEX BMI PLUG 44300, MOLEX BMI VERTICAL PCB HEADER 44432, MOLEX BMI RIGHT ANGLE PCB HEADER 44428, & MOLEX BMI CPI VERTICAL PCB HEADER 45280. (MOLEX DRAWINGS SD-44300-001, SD-44428-001, SD-44432-001, & SD-45280-001)
 6. THIS RECEPTACLE TO BE USED WITH MOLEX FEMALE CRIMP TERMINALS ONLY (SERIES 43030, 45773, OR 46235). SEE APPLICATION SPECIFICATION AS-44133-001 FOR TERMINAL ORIENTATION IN HOUSING.
 7. THIS RECEPTACLE IS DESIGNED FOR USE WITH .062/1.57 MAX. TO .050/1.27 MINIMUM THICK PANELS.
 8. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN THE TOTAL TOLERANCE.
 9. WHEN MATING WITH 44300 SERIES, THE PANEL CUT-OUT CENTERLINES OF DIM "H" AND .385/9.78 MUST ALIGN WITH POINT "M" DEFINED BY MOLEX DRAWING SD-44300-001.
 10. MOLEX RECOMMENDS THE USE OF MICRO-FIT TEST PLUG (SERIES 44242) WHENEVER CONTINUITY TESTING IS PERFORMED. TEST PLUGS MUST NOT BE USED TO MAKE OR BREAK UNDER LOAD. MOLEX DOES NOT RECOMMEND USING STANDARD MATING COMPONENTS (SERIES 44428, 44432, 44300 OR 45280) FOR HARNESS TESTING PURPOSES.
 11. PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002. SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE LOCATION THAT DOES NOT AFFECT FUNCTIONALITY. HOUSINGS MAY EXHIBIT A SURFACE IMPERFECTION KNOWN AS "SINK MARKS" UP TO .024/(0.60) MAX. THIS IS A COSMETIC DEFECT AND DOES NOT EFFECT FUNCTION OF THE CONNECTOR.
 12. THE WIDTH OF THE NARROW SLOTS SHOULD BE .114-.129/2.90-3.28 (MIN-MAX) IF KEYING OF THE CONNECTOR TO THE CUT-OUT IS DESIRED.

CKT. SIZE	MATERIAL NUMBER	DIM "A"	DIM "B"	DIM "G"	DIM "H"
04	44133-0400	$\frac{.97}{24.6}$	$\frac{.118}{3.00}$	$\frac{.530}{13.46}$	$\frac{.870}{22.10}$
06	44133-0600	$\frac{1.09}{27.7}$	$\frac{.236}{6.00}$	$\frac{.648}{16.46}$	$\frac{.988}{25.10}$
08	44133-0800	$\frac{1.21}{30.7}$	$\frac{.354}{9.00}$	$\frac{.766}{19.46}$	$\frac{1.106}{28.10}$
10	44133-1000	$\frac{1.33}{33.8}$	$\frac{.472}{12.00}$	$\frac{.884}{22.46}$	$\frac{1.224}{31.10}$
12	44133-1200	$\frac{1.45}{36.8}$	$\frac{.591}{15.00}$	$\frac{1.002}{25.46}$	$\frac{1.343}{34.10}$
14	44133-1400	$\frac{1.57}{39.8}$	$\frac{.709}{18.00}$	$\frac{1.120}{28.46}$	$\frac{1.461}{37.10}$
16	44133-1600	$\frac{1.69}{42.8}$	$\frac{.827}{21.00}$	$\frac{1.239}{31.46}$	$\frac{1.579}{40.10}$
18	44133-1800	$\frac{1.80}{45.8}$	$\frac{.945}{24.00}$	$\frac{1.357}{34.46}$	$\frac{1.697}{43.10}$
20	44133-2000	$\frac{1.92}{48.8}$	$\frac{1.063}{27.00}$	$\frac{1.475}{37.46}$	$\frac{1.815}{46.10}$
22	44133-2200	$\frac{2.04}{51.8}$	$\frac{1.181}{30.00}$	$\frac{1.593}{40.46}$	$\frac{1.933}{49.10}$
24	44133-2400	$\frac{2.16}{54.8}$	$\frac{1.299}{33.00}$	$\frac{1.711}{43.46}$	$\frac{2.051}{52.10}$

CORRECT DIM A EC NO: UCP2016-4023 DRAWN: SLAFTER 2016/04/13 CHKD: SSOUSEK 2016/04/13 APPR: FSMITH 2016/04/18 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm		INCH		DRAWN BY SOMMER		DATE 1998/09/30
		4 PLACES ± ---		± ---		CHECKED BY		DATE
		3 PLACES ± ---		± .010		SOMMER		1998/09/30
		2 PLACES ± 0.25		± .014		APPROVED BY		DATE
1 PLACE ± 0.35		± ---		FSMITH		2016/04/18		
0 PLACE ± ---		± ---						
ANGULAR ±1/2°				MATERIAL NO.		DOCUMENT NO.		SHEET NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART		SD-44133-001		1 OF 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								