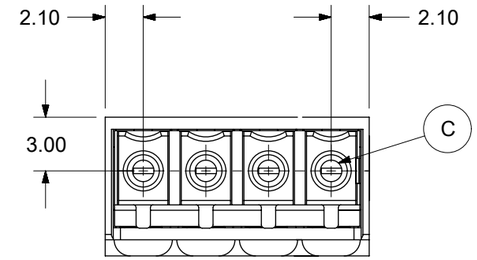
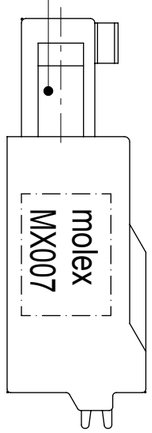
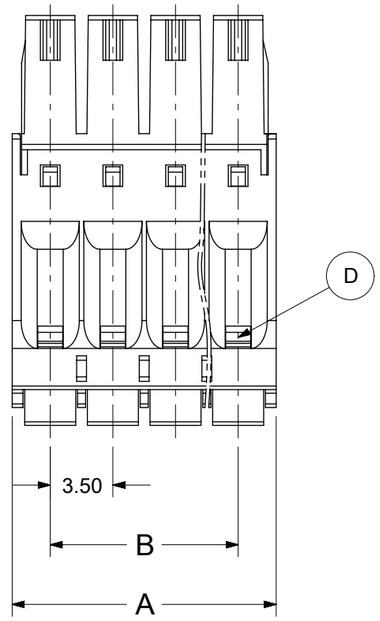
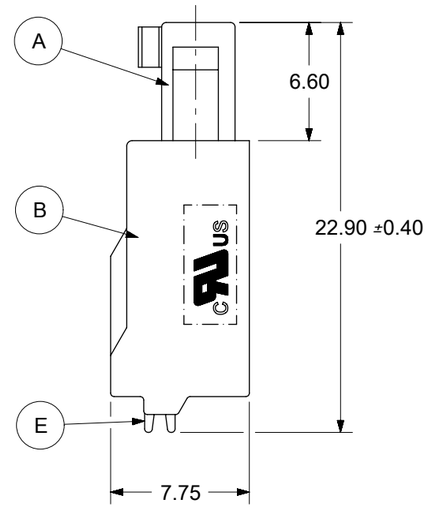
NUMBER OF CIRCUITS "XX"	MATERIAL NO.	ENG. NO	DIM "A"	DIM "B"
02	397630102	MX007-1-02-1-3	7.70 [.303]	3.50 [.138]
03	397630103	MX007-1-03-1-3	11.20 [.441]	7.00 [.276]
04	397630104	MX007-1-04-1-3	14.70 [.579]	10.50 [.413]
05	397630105	MX007-1-05-1-3	18.20 [.717]	14.00 [.551]
06	397630106	MX007-1-06-1-3	21.70 [.854]	17.50 [.689]
07	397630107	MX007-1-07-1-3	25.20 [.992]	21.00 [.827]
08	397630108	MX007-1-08-1-3	28.70 [1.130]	24.50 [.965]
09	397630109	MX007-1-09-1-3	32.20 [1.268]	28.00 [1.102]
10	397630110	MX007-1-10-1-3	35.70 [1.406]	31.50 [1.240]
11	397630111	MX007-1-11-1-3	39.20 [1.543]	35.00 [1.378]
12	397630112	MX007-1-12-1-3	42.70 [1.681]	38.50 [1.516]
13	397630113	MX007-1-13-1-3	46.20 [1.819]	42.00 [1.654]
14	397630114	MX007-1-14-1-3	49.70 [1.957]	45.50 [1.791]
15	397630115	MX007-1-15-1-3	53.20 [2.094]	49.00 [1.929]
16	397630116	MX007-1-16-1-3	56.70 [2.232]	52.50 [2.067]
17	397630117	MX007-1-17-1-3	60.20 [2.370]	56.00 [2.205]
18	397630118	MX007-1-18-1-3	63.70 [2.508]	59.50 [2.343]
19	397630119	MX007-1-19-1-3	67.20 [2.646]	63.00 [2.480]
20	397630120	MX007-1-20-1-3	70.70 [2.783]	66.50 [2.618]



SIDE RETENTION FEATURE
FOR 2 TO 7 CIRCUITS
VERSIONS ONLY







SPECIFICATIONS:

1. MATERIAL:
   A. HOUSING, COVER AND LEVER: PA66 UL 94-V0
   B. TERMINAL: COPPER ALLOY, TIN PLATED
   C. SPRING COIL: STAINLESS STEEL
2. MAX. RATING: 150V, 8A
3. INSULATION WITHSTAND VOLTAGE: AC1600V/1 MIN.
4. INSULATION RESISTANCE: 500MΩ AT DC500V
5. TEMPERATURE RANGE: -40°C TO +105°C
6. WIRE RANGE: 16 TO 24 AWG PER UL
7. WIRE STRIP LENGTH: 10.0mm (0.39")
8. NOTE: ALL ELECTRICAL AND MECHANICAL SPECIFICATIONS PER UL 1059 AS NOTED IN MOLEX AGENCY APPROVAL FILE NO. E48521

ENGINEERING NUMBER LEGEND
MX007-X-XX-X-X

- HOUSING COLOR
- NO. OF ROWS
- NO. OF CIRCUITS
- STYLE
- ENG. SERIES

STYLE	NO. OF ROWS	HOUSING COLOR
1 = SPRING TYPE 2 = RISING CAGE TYPE	1 = 1 ROW 2 = 2 ROWS	1 = BLACK 2 = RED 3 = GREEN

Total Pitch Tolerances in mm									Nominal dimension range in mm								
over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over
0	30	53	70	90	115	150	200	250	0	30	53	70	90	115	150	200	250
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
30	53	70	90	115	150	200	250	320	30	53	70	90	115	150	200	250	320
±0.18	±0.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.75	±0.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/06 00:16:22

FORMAT: master-B-size
REVISION: H
DATE: 2018/01/18

SYMBOLS	
▽ = 0	DIMENSION UNITS: mm
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)
▽ = 0	ANGULAR TOL ±
▽ = 0	4 PLACES ±
▼ = 0	3 PLACES ±
▽ = 0	2 PLACES ± SEE CHART
☒ = 0	1 PLACE ±
■ = 0	0 PLACES ±
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE

CURRENT REV DESC:

EC NO: 609416
DRWN: ABENJAMINLW 2018/12/11
CHK'D: MBRZOZOWSKI 2018/12/19
APPR: JFMURPHY 2019/02/06

INITIAL REVISION:
DRWN: ABENJAMINLW 2018/12/11
APPR: JFMURPHY 2019/02/06

THIRD ANGLE PROJECTION

molex

SINGLE ROW SPRING TYPE
PLUG, 3.50MM PITCH, 8A

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
397630102	PSD	000	A

DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
B-SIZE	39763	397630102	GENERAL MARKET	1 OF 1

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

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194290026 197134001 34708-2028 0464363133 347910140 348242245 0477256010 194290039 347928042 503988100 528520870 528523070 197054301 464373005 502585-0370 0351510214 351820290 502380-0800 459850483 502584-0870 502584-1060 0194360214 347072012 348268126 528061110 194270031 349672001 355240920 357470310 5023860371