

10		9		8	7		6		5	4	3	2	1
CIRCUITS	PART NUMBER	ENGINEERING NUMBER	COLOR	DIM. "A"		DIM. "B"							
				MM	IN	MM	IN						
2	397701002	MX-CBF020R8	GREEN	7.00	[.276]	3.50	[.138]						
3	397701003	MX-CBF030R8	GREEN	10.50	[.413]	7.00	[.276]						
4	397701004	MX-CBF040R8	GREEN	14.00	[.551]	10.50	[.413]						
5	397701005	MX-CBF050R8	GREEN	17.50	[.689]	14.00	[.551]						
5	397701006	MX-CBF050R8-0N	BLACK	17.50	[.689]	14.00	[.551]						
6	397701007	MX-CBF060R8	GREEN	21.00	[.827]	17.50	[.689]						
7	397701008	MX-CBF070R8	GREEN	24.50	[.965]	21.00	[.827]						
7	397701009	MX-CBF070R8-0B	BLUE	24.50	[.965]	21.00	[.827]						
8	397701010	MX-CBF080R8	GREEN	28.00	[1.102]	24.50	[.965]						
9	397701011	MX-CBF090R8	GREEN	31.50	[1.240]	28.00	[1.102]						
10	397701012	MX-CBF100R8	GREEN	35.00	[1.378]	31.50	[1.240]						
11	397701013	MX-CBF110R8	GREEN	38.50	[1.516]	35.00	[1.378]						
12	397701014	MX-CBF120R8	GREEN	42.00	[1.654]	38.50	[1.516]						

NOTES:

1) MATERIAL:

- A) BODY: PA66 V-0
- B) SCREW: BRASS
- C) CLAMP: BRASS
- D) SPRING/PIN: BRASS

2) RATING: 300V (UL)

3) WIRE: 14-30AWG STRANDED 11A

14-30AWG SOLID 9A

4) OPERATING TEMPERATURE RANGE: -40°C TO +110°C

5) CONTACT RESISTANCE: <15mΩ

6) WIRE STRIP LENGTH: 105 - 11.5 MM(.41-.45IN)

7) UL FILE: E48521

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/30	22:29:39
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FORMAT: Eng-lega-master-lb-prod-B
REVISION: E1
DATE: 2021/05/01

9

8

7

6

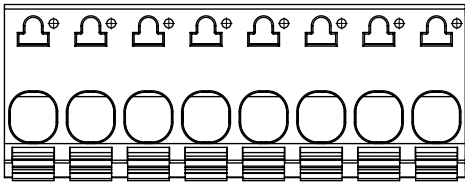
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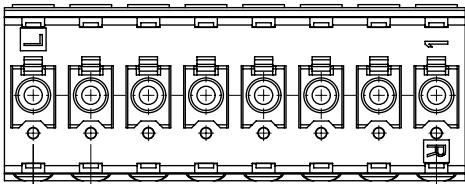
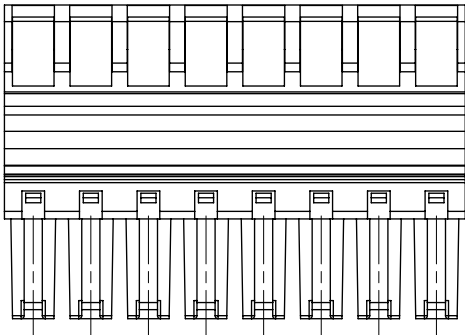
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2

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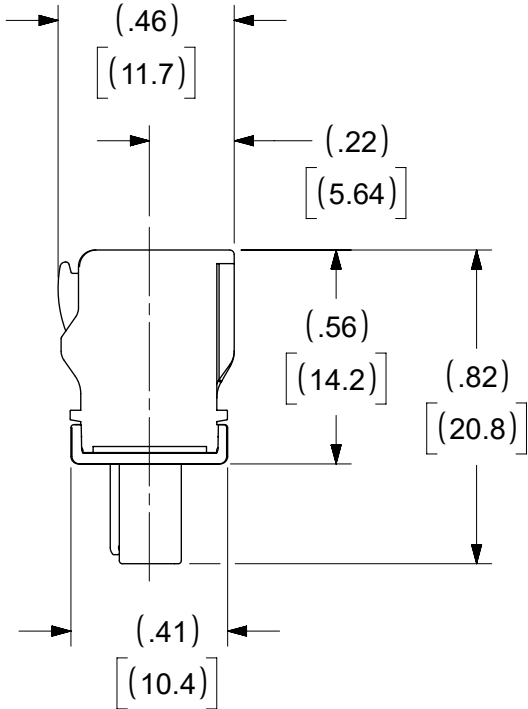
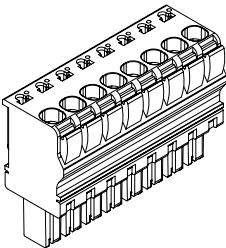


"A"



.138 PITCH
[3.50]

"B"



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	DIMENSION UNITS	SCALE	CURRENT REV DESC: NEW RELEASE			
$\frac{E}{A} = 0$	INCH/MM	2:1				
$\frac{E}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)					
$\frac{E}{D} = 0$						
DIVISIONAL SYMBOLS	4 PLACES	±	---	±	---	EC NO: 754061
	3 PLACES	±	---	±	.010	DRWN: ABENJAMINLW 2023/06/20
	2 PLACES	±	0.25	±	---	CHK'D: DACHAMMER 2023/06/20
	1 PLACE	±	---	±	---	APPR: JFMURPHY 2023/06/30
	0 PLACES	±	---	±	---	INITIAL REVISION:
ANGULAR TOL		±	0.5 °			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER
				B-SIZE	39770	397701002
						PSD
						000
						A
						1 OF 1

molex

SPRING CONNECTOR FEMALE
PITCH 3.50 (.138")

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

397701002

DOC TYPE

PSD

DOC PART

000

REVISION

A

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 1

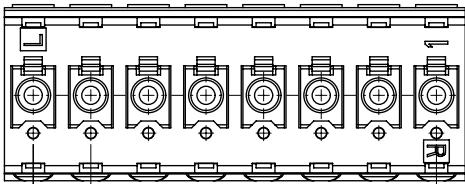
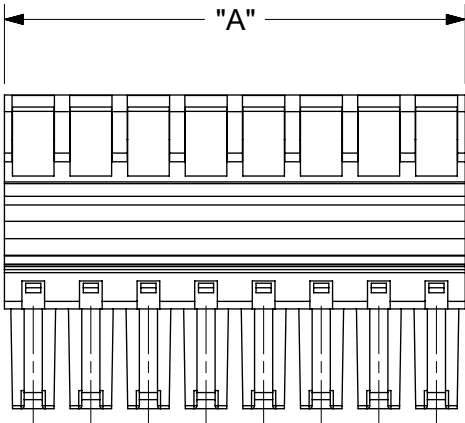
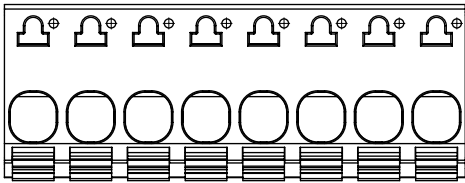
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CIRCUITS	PART NUMBER	ENGINEERING NUMBER	COLOR	DIM. "A"		DIM. "B"			
				MM	IN	MM	IN		
2	397700005	MX-CBF020RT	GREEN	7.62	[.300]	3.81	[.150]		
2	397700001	MX-CBF020RT-0N	BLACK	7.62	[.300]	3.81	[.150]		
3	397700006	MX-CBF030RT	GREEN	11.43	[.450]	7.62	[.300]		
4	397700007	MX-CBF040RT	GREEN	15.24	[.600]	11.43	[.450]		
4	397700002	MX-CBF040RT-0N	BLACK	15.24	[.600]	11.43	[.450]		
5	397700008	MX-CBF050RT	GREEN	19.05	[.750]	15.24	[.600]		
5	397700009	MX-CBF050RT-0N	BLACK	19.05	[.750]	15.24	[.600]		
6	397700010	MX-CBF060RT	GREEN	22.86	[.900]	19.05	[.750]		
6	397700003	MX-CBF060RT-0N	BLACK	22.86	[.900]	19.05	[.750]		
7	397700011	MX-CBF070RT	GREEN	26.67	[1.050]	22.86	[.900]		
7	397700012	MX-CBF070RT-0B	BLUE	26.67	[1.050]	22.86	[.900]		
8	397700013	MX-CBF080RT	GREEN	30.48	[1.200]	26.67	[1.050]		
8	397700004	MX-CBF080RT-0N	BLACK	30.48	[1.200]	26.67	[1.050]		
9	397700014	MX-CBF090RT	GREEN	34.29	[1.350]	30.48	[1.200]		
10	397700015	MX-CBF100RT	GREEN	38.10	[1.500]	34.29	[1.350]		
11	397700016	MX-CBF110RT	GREEN	41.91	[1.650]	38.10	[1.500]		
12	397700017	MX-CBF120RT	GREEN	45.72	[1.800]	41.91	[1.650]		

NOTES:

- 1) MATERIAL:
- A) BODY: PA66 V-0
- B) SCREW: BRASS
- C) CLAMP: BRASS
- D) SPRING/PIN: BRASS
- 2) RATING: 300V (UL)
- 3) WIRE: 14-30AWG STRANDED 11A
- 14-30AWG SOLID 9A
- 4) OPERATING TEMPERATURE RANGE: -40°C TO +110°C
- 5) CONTACT RESISTANCE: <15mΩ
- 6) WIRE STRIP LENGTH: 105 - 11.5 MM(.41-.45IN)
- 7) UL FILE: E48521

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/30	22:29:38
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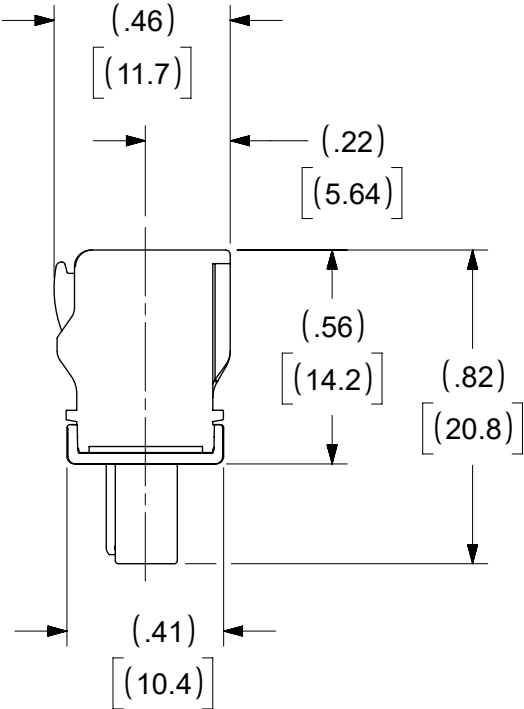
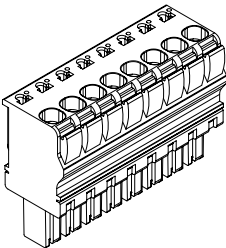
A2



.150 PITCH

[3.81]

"B"



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED PART NUMBER CHART WITH NEW PNS			molex				
	INCH/MM		2:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
			MM		INCH		SPRING CONNECTOR FEMALE PITCH 3.81 (.150")					
	4 PLACES		±	---	±	---						
	3 PLACES		±	---	±	.010						
	2 PLACES		±	0.25	±	---	PRODUCT CUSTOMER DRAWING					
	1 PLACE		±	---	±	---						
	0 PLACES		±	---	±	---						
DIVISIONAL SYMBOLS	ANGULAR TOL		±	0.5 °		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
							SD-39770-001		PSD	001	A2	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
					B-SIZE		39770		SEE CHART		GENERAL MARKET	1 OF 1

molex

SPRING CONNECTOR FEMALE
PITCH 3.81 (.150")

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-39770-001	PSD	001	A2