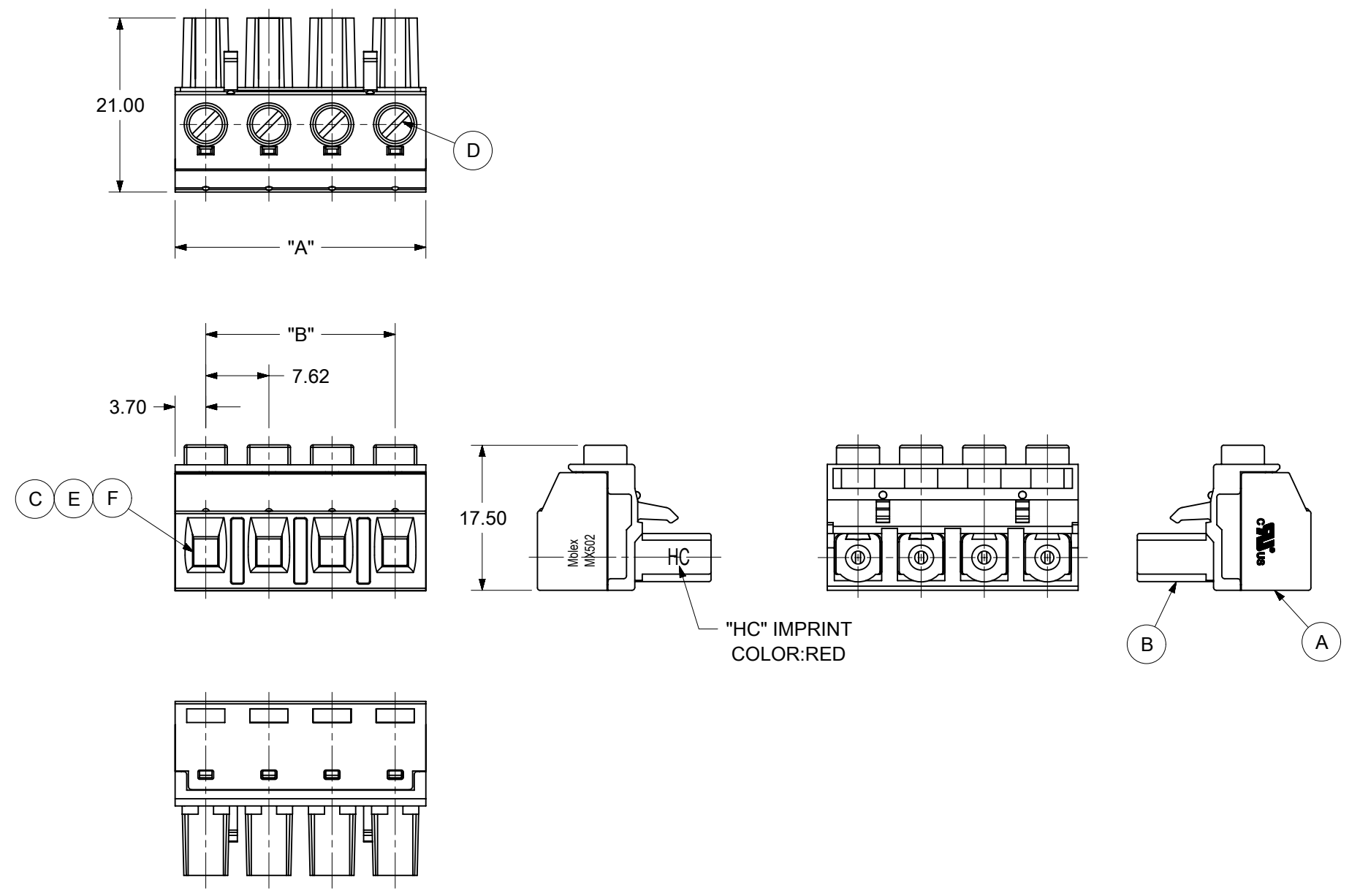


NUMBER OF CIRCUITS "XX"	MATERIAL NO.	ENG. NO	COLOR	DIM "A"	DIM "B"
02	397661002	MX502-02P-G12S	GREEN	15.02	7.62
03	397661003	MX502-03P-G12S	GREEN	22.64	15.24
04	397661004	MX502-04P-G12S	GREEN	30.26	22.86
05	397661005	MX502-05P-G12S	GREEN	37.88	30.48
06	397661006	MX502-06P-G12S	GREEN	45.50	38.10
07	397661007	MX502-07P-G12S	GREEN	53.12	45.72
08	397661008	MX502-08P-G12S	GREEN	60.74	53.34
09	397661009	MX502-09P-G12S	GREEN	68.36	60.96
10	397661010	MX502-10P-G12S	GREEN	75.98	68.58
11	397661011	MX502-11P-G12S	GREEN	83.60	76.20
12	397661012	MX502-12P-G12S	GREEN	91.22	83.82
13	397661013	MX502-13P-G12S	GREEN	98.84	91.44
14	397661014	MX502-14P-G12S	GREEN	106.46	99.06
15	397661015	MX502-15P-G12S	GREEN	114.08	106.68
16	397661016	MX502-16P-G12S	GREEN	121.70	114.30
17	397661017	MX502-17P-G12S	GREEN	129.32	121.92
18	397661018	MX502-18P-G12S	GREEN	136.94	129.54
19	397661019	MX502-19P-G12S	GREEN	144.56	137.16
20	397661020	MX502-20P-G12S	GREEN	152.18	144.78

- SPECIFICATIONS:**
- MATERIAL:**
 - A. COVER, PA66, V0
 - B. HOUSING, PA66, V0
 - C. CAGE: BRASS, NI PLATED
 - D. M3 SCREW: STEEL, ZINC PLATED
 - E. TERMINAL: COPPER ALLOY, SN PLATED
 - F. SPRING COIL: STAINLESS STEEL
 - MAX. RATING: 600V, 18.5A (PER UL)**
 - INSULATION WITHSTAND VOLTAGE: AC2000V/1 MIN.**
 - INSULATION RESISTANCE: 500MΩ OR MORE AT DC500V**
 - TEMPERATURE RANGE: -40°C TO +105°C**
 - SCREW TORQUE VALUE: 0.7Nm**
 - WIRE RANGE: 12 TO 30 AWG (PER UL)**
 - WIRE STRIP LENGTH: 8.0mm**
 - NOTE: ALL ELECTRICAL AND MECHANICAL SPECIFICATIONS PER UL 1059 AS NOTED IN MOLEX AGENCY APPROVAL FILE NO. E48521**



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	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	
±0.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.85	±1.00	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90	±1.20	

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: INITIAL RELEASE		molex		
	DIMENSION UNITS	SCALE	EC NO: 665717				
	mm	1.5:1	DRWN: ABENJAMINLW 2021/01/20		SINGLE ROW HORIZONTAL PLUG 7.62MM PITCH, HIGH CURRENT		
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: DACHAMMER 2021/05/26		PRODUCT CUSTOMER DRAWING		
ANGULAR TOL ± ---		APPR: JFMURPHY 2021/06/22		DOCUMENT NUMBER			
4 PLACES ± ---		INITIAL REVISION:		397661002		DOC TYPE	
3 PLACES ± ---		DRWN: ABENJAMINLW 2021/01/20		PSD		DOC PART	
2 PLACES ± SEE CHART		APPR: JFMURPHY 2021/06/22		000		REVISION	
1 PLACE ± SEE CHART		MATERIAL NUMBER		A			
0 PLACES ± ---		SERIES		GENERAL MARKET			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SHEET NUMBER	1 OF 1		
		B-SIZE	39766				