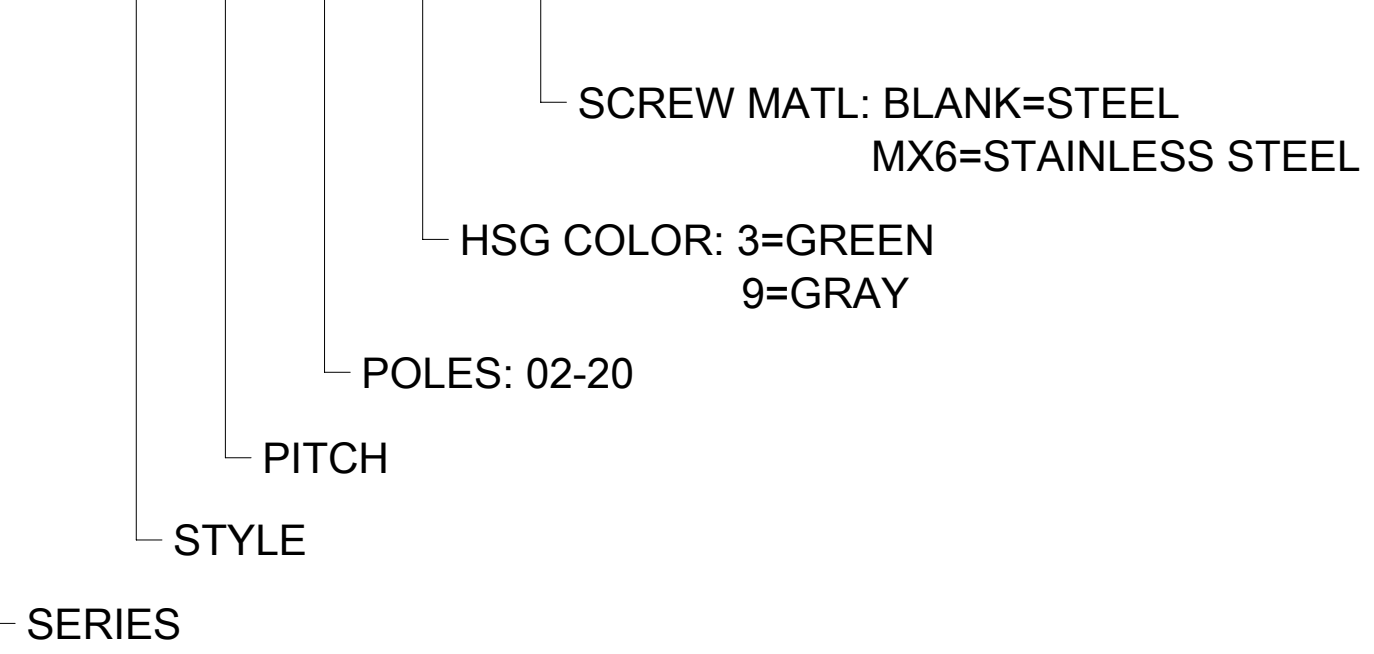


SPECIFICATIONS:

1. MATERIAL:
 - A1. SCREW: STEEL, M2.5, ZINC PLATED
 - A2. SCREW: STAINLESS STL (STL GRP: AUSTENITIC; STL GRADE: A2; PROP CLS: 50; TENS STR: 500MPA), M2.5
 - B. CAGE: BRASS, NICKEL PLATED
 - C. TERMINAL: BRASS, TIN PLATED
 - D. BODY: PA66, UL94 V-0
2. WIRE RATING: 12-30 AWG
3. ELECTRICAL RATING: 15A, 300V MAXIMUM PER UL
4. POWER-FREQUENCY WITHSTAND: AC 2500V/1MIN
5. INSULATION RESISTANCE: DC500V 500MΩ OR ABOVE
6. RATED IMPULSE VOLTAGE: 4000V/MINUS AND PLUS 5 TIMES EACH
7. WIRE STRIP LENGTH: .24 (6.0mm)
8. SCREW TORQUE: 4.0 LB. IN
9. OPERATING TEMPERATURE: -40°C TO +105°C
10. MAX. SOLDERING TEMPERATURE: 260°C FOR 5 SECONDS
11. DIMS. SHOWN ARE FOR REFERENCE ONLY

ENGINEERING NUMBER LEGEND

M552 - 02 - 2 - XX - X - XXX



TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
>6-30	±0.40	.24-1.18	±.016
>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031


FUNCTIONAL SYMBOLS FA=0 FC=0 FP=0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	DIMENSION UNITS: INCH/MM		SCALE: 6:1	
	CURRENT REV DESC: ADDED PNS 397550004 AND 397550010			
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 750471	
	4 PLACES	± --- ± ---	DRWN: ABENJAMINLW	2023/05/19
	3 PLACES	± --- ± SEE CHART	CHK'D: DACHAMMER	2023/05/22
2 PLACES		± SEE CHART ± SEE CHART	APPR: JFMURPHY	2023/05/23
1 PLACE		± --- ± ---	INITIAL REVISION:	
0 PLACES		± --- ± ---	DRWN: RSTONE	2014/02/18
ANGULAR TOL		± ---	APPR: JFMURPHY	2014/10/16
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: C-SIZE	SERIES: 39755
DOCUMENT STATUS: P1	RELEASE DATE: 2023/05/23 14:09:24	MATERIAL NUMBER: SEE CHART		CUSTOMER: GENERAL MARKET
DOCUMENT NUMBER: SD-39755-001		DOC TYPE: PSD	DOC PART: 001	REVISION: A5
SHEET NUMBER: 1 OF 2				

PART NUMBER DATA

CIRCUITS	PART NUMBER	ENGINEERING NUMBER	COLOR	PART NUMBER	ENGINEERING NUMBER	COLOR	DIM. "A"		DIM. "B"	
							IN	mm	IN	mm
2	397550002	M552-02-2-02-3	GREEN	397550202	M552-02-2-02-9-MX6	LIGHT GRAY	.40	10.2	.200	5.08
3	397550003	M552-02-2-03-3	GREEN	397550203	M552-02-2-03-9-MX6	LIGHT GRAY	.60	15.2	.400	10.16
4	397550004	M552-02-2-04-3	GREEN				.80	20.3	.600	15.24
5		M552-02-2-05-3	GREEN				1.00	25.4	.800	20.32
6		M552-02-2-06-3	GREEN				1.20	30.5	1.000	25.40
7		M552-02-2-07-3	GREEN				1.40	35.6	1.200	30.48
8		M552-02-2-08-3	GREEN				1.60	40.6	1.400	35.56
9		M552-02-2-09-3	GREEN				1.80	45.7	1.600	40.64
10	397550010	M552-02-2-10-3	GREEN				2.00	50.8	1.800	45.72
11		M552-02-2-11-3	GREEN				2.20	55.9	2.000	50.80
12		M552-02-2-12-3	GREEN				2.40	61.0	2.200	55.88
13		M552-02-2-13-3	GREEN				2.60	66.0	2.400	60.96
14		M552-02-2-14-3	GREEN				2.80	71.1	2.600	66.04
15		M552-02-2-15-3	GREEN				3.00	76.2	2.800	71.12
16		M552-02-2-16-3	GREEN				3.20	81.3	3.000	76.20
17		M552-02-2-17-3	GREEN				3.40	86.4	3.200	81.28
18		M552-02-2-18-3	GREEN				3.60	91.4	3.400	86.36
19		M552-02-2-19-3	GREEN				3.80	96.5	3.600	91.44
20		M552-02-2-20-3	GREEN				4.00	101.6	3.800	96.52

REF. LAST 2 DIGITS OF PART NO. EQUALS CIRCUIT COUNT
CONTACT FACTORY FOR OPTIONAL LENGTHS & COLORS

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
>6-30	±0.40	.24-1.18	±.016
>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	$\frac{F}{A} = 0$ $\frac{F}{C} = 0$ $\frac{F}{P} = 0$	DIMENSION UNITS INCH/MM	SCALE 1:1	CURRENT REV DESC: ADDED PNS 397550004 AND 397550010							 TERMINAL PLUG .200 (5.08MM) PITCH PC TAIL	
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 750471		2023/05/19		DRWN: ABENJAMINLW		2023/05/22			
	4 PLACES	±	---	±	---	2023/05/23		CHK'D: DACHAMMER		2023/05/23		
	3 PLACES	±	---	±	---	2023/05/23		APPR: JFMURPHY		2023/05/23		
	2 PLACES	±	---	±	---	2023/05/23		INITIAL REVISION:		2014/02/18		
	1 PLACE	±	---	±	---	2023/05/23		DRWN: RSTONE		2014/10/16		
	0 PLACES	±	---	±	---	2023/05/23		APPR: JFMURPHY		2014/10/16		
	ANGULAR TOL	±	---	±	---	2023/05/23		THIRD ANGLE PROJECTION		DRAWING SERIES		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING SERIES		C-SIZE 39755		MATERIAL NUMBER		CUSTOMER	
									SEE CHART		GENERAL MARKET	
									DOCUMENT NUMBER		DOC TYPE DOC PART REVISION	
									SD-39755-001		PSD 001 A5	
									SHEET NUMBER		2 OF 2	