



SPECIFICATIONS:

1. MATERIAL:

- (1). BODY: NYLON 66 (PA 66).
- (2). SCREW: STEEL.
- (3). CAGE (\*): BRASS
- (4). TERMINAL: PHOSPHOR BRONZE
- (5). COVER: NYLON 66 (PA 66).
- (6). SCREW: STEEL

- 2. PRODUCT SPECIFICATION: PS-39500-001.
- 3. WIRE RANGE: 30 - 16AWG.
- 4. TORQUE: 2 in.-lbs.
- 5. WIRE STRIP LENGTH: 6.50/.256.
- 6. NUMBER OF CIRCUIT POSITIONS AVAILABLE = 2 THROUGH 20.
- 7. ASSEMBLY IS ROHS COMPLIANT BY EXEMPTION. COMPONENTS MARKED WITH AN ASTERISK (\*) ARE ROHS COMPLIANT BY EXEMPTION, ALL OTHERS ARE ROHS COMPLIANT.

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

REVISED DOC. TOL EC NO: IPG2017-0881 DRAWN: ANAGATH 2017/03/23 CHKD: APPR: BRUPERT 2017/04/18 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▼=0 ▽=0	mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- ANGULAR ±---°	MM/IN	DRAWN BY DATE EHILE 2006/03/17 CHECKED BY DATE EHILE 2006/03/17 APPROVED BY DATE RDEROSS 2006/03/17	INCH	Molex MOLEX INCORPORATED	TITLE 3.50MM, EURO PLUG, VERTICAL, FRONT WIRE ENTRY, MOUNTING ENDS
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO.	DOCUMENT NO.	SD-39507-001		SHEET NO. 1 OF 2
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

Circuit size	Material Numbers												Dimensional Information							
	Black						Green						Dimensional Information							
	100% 1 in			30 u" Gold			100% 1 in			30 u" Gold			Dim. A		Dim B		Dim C		Dim D	
	Printing Options			Printing Options			Printing Options			Printing Options			mm	inch	mm	inch	mm	inch	mm	inch
None	10AV	11AV	None	10AV	11AV	None	10AV	11AV	None	10AV	11AV	None	10AV	11AV	mm	inch	mm	inch	mm	inch
2	395073002	395073302	395073402	395073502	395073602	395073902	395078002	395078302	395078402	395078502	395078902	395079002	17.3	.68	3.5	.14	12.1	.48	8.1	.32
3	395073003	395073303	395073403	395073503	395073603	395073903	395078003	395078303	395078403	395078503	395078903	395079003	20.0	.82	7.0	.28	15.6	.61	11.6	.46
4	395073004	395073304	395073404	395073504	395073604	395073904	395078004	395078304	395078404	395078504	395078904	395079004	24.3	.96	10.5	.41	19.1	.75	15.1	.59
5	395073005	395073305	395073405	395073505	395073605	395073905	395078005	395078305	395078405	395078505	395078905	395079005	27.8	1.09	14.0	.55	22.6	.89	18.6	.73
6	395073006	395073306	395073406	395073506	395073606	395073906	395078006	395078306	395078406	395078506	395078906	395079006	31.3	1.23	17.5	.69	26.1	1.03	22.1	.87
7	395073007	395073307	395073407	395073507	395073607	395073907	395078007	395078307	395078407	395078507	395078907	395079007	34.8	1.37	21.0	.83	29.6	1.17	25.6	1.01
8	395073008	395073308	395073408	395073508	395073608	395073908	395078008	395078308	395078408	395078508	395078908	395079008	38.3	1.51	24.5	.97	33.1	1.30	29.1	1.15
9	395073009	395073309	395073409	395073509	395073609	395073909	395078009	395078309	395078409	395078509	395078909	395079009	41.8	1.65	28.0	1.10	36.6	1.44	32.0	1.28
10	395073010	395073310	395073410	395073510	395073610	395073910	395078010	395078310	395078410	395078510	395078910	395079010	45.3	1.78	31.5	1.24	40.1	1.58	36.1	1.42
11	395073011	395073311	395073411	395073511	395073611	395073911	395078011	395078311	395078411	395078511	395078911	395079011	48.8	1.92	35.0	1.38	43.6	1.72	39.6	1.56
12	395073012	395073312	395073412	395073512	395073612	395073912	395078012	395078312	395078412	395078512	395078912	395079012	52.3	2.06	38.5	1.52	47.1	1.85	43.1	1.70
13	395073013	395073313	395073413	395073513	395073613	395073913	395078013	395078313	395078413	395078513	395078913	395079013	55.8	2.20	42.0	1.65	50.6	1.99	46.6	1.83
14	395073014	395073314	395073414	395073514	395073614	395073914	395078014	395078314	395078414	395078514	395078914	395079014	59.3	2.34	45.5	1.79	54.1	2.13	50.1	1.97
15	395073015	395073315	395073415	395073515	395073615	395073915	395078015	395078315	395078415	395078515	395078915	395079015	62.8	2.47	49.0	1.93	57.6	2.27	53.6	2.11
16	395073016	395073316	395073416	395073516	395073616	395073916	395078016	395078316	395078416	395078516	395078916	395079016	66.3	2.61	52.5	2.07	61.1	2.41	57.1	2.25
17	395073017	395073317	395073417	395073517	395073617	395073917	395078017	395078317	395078417	395078517	395078917	395079017	69.8	2.75	56.0	2.21	64.6	2.54	60.6	2.39
18	395073018	395073318	395073418	395073518	395073618	395073918	395078018	395078318	395078418	395078518	395078918	395079018	73.3	2.89	59.5	2.34	68.1	2.68	64.1	2.52
19	395073019	395073319	395073419	395073519	395073619	395073919	395078019	395078319	395078419	395078519	395078919	395079019	76.8	3.02	63.0	2.48	71.6	2.82	67.6	2.66
20	395073020	395073320	395073420	395073520	395073620	395073920	395078020	395078320	395078420	395078520	395078920	395079020	80.3	3.16	66.5	2.62	75.1	2.96	71.1	2.80

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REVISED DOC TOL EC NO: IPG2017-0861 DRAWN: ANAGATH 2017/03/23 CHKD: APPR: BRUPERT 2017/04/18 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± ---°	MM/IN	DRAWN BY DATE	INCH	THIRD ANGLE PROJECTION
				EHILE 2006/03/17		
				CHECKED BY DATE		
			EHILE 2006/03/17			
			APPROVED BY DATE			
			RDEROSS 2006/03/17			
			MATERIAL NO.			
			SEE CHART			
			SIZE B			
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

3.50MM, EURO PLUG, VERTICAL, FRONT WIRE ENTRY, MOUNTING ENDS

MOLEX INCORPORATED

DOCUMENT NO. SD-39507-001 SHEET NO. 2 OF 2