



**SPECIFICATIONS**

1. Material:

- (1). Body: PA66
- (2). Screw: Steel
- (3). Cage: Brass
- (4). Contact: Brass
- (5). Cover: PA66

- 2. Wire range: 16 - 24AWG
- 3. Electrical rating: 300V, 8A.
- 4. Wire stip length: 6.5mm.
- 5. Operating temperature: -40°C to +105°C.
- 6. Max torque: 2 in-lbs.
- 7. Insulation resistance: DC 500V, 500 Megohms.
- 8. Dielectric withstand: AC 2500V for 1 minute
- 9. Breakdown voltage: 4000V
- 10. Contact resistance: <10 milliohms
- 11. DIM. A = B + 4.60
- 12. DIM. B = ( N - 1 ) X P
- 13. DIM. P (PITCH) = 3.50mm (.138")
- 14. N = Number of positions available 2 through 20.
- 15. ALL COMPONENTS ARE ROHS COMPLIANT.

RELEASE TO PROD EC NO: ETC2006-0308 DRWN: C YORK 2006/03/17 CHKD: R DEROSS 2006/03/17 APPR: R DEROSS 2006/03/17	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
			mm	INCH	MM/IN	3:1	INCH		
		4 PLACES	± ---	±.0015	DRAWN BY	DATE	TITLE 3.5MM, EURO PLUG, VERTICAL, FRONT WIRE ENTRY		
		3 PLACES	±0.038	±.005	C. YORK	2006/03/17			
2 PLACES	±0.13	±.01	CHECKED BY	DATE	MOLEX INCORPORATED				
1 PLACE	±0.3	± ---	R. DEROSS	2006/03/17					
ANGULAR ± 2 °		APPROVED BY		DATE	DOCUMENT NO. SD-39503-002				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		R. DEROSS		2006/03/17					
MATERIAL NO. SEE SHT. 2		SIZE		SHEET NO. 1 OF 2					
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

Description	Circuit size	Material Numbers											Dimensional Information				
		Black						Green					Dim. A		Dim B		
		100% Tin			30 u" Gold			100% Tin			30 u" Gold		mm	inch	mm	inch	
		Printing Options		None	Printing Options		None	Printing Options		None	Printing Options						
None	10AV	11AV	None	10AV	11AV	None	10AV	11AV	None	10AV	11AV						
3.5mm, Euro Plug, Vertical FWE	2	395032002	395032302	395032402	395032502	395032802	395032902	395037002	395037302	395037402	395037502	395037802	395037902	8.1	0.32	3.5	0.14
3.5mm, Euro Plug, Vertical FWE	3	395032003	395032303	395032403	395032503	395032803	395032903	395037003	395037303	395037403	395037503	395037803	395037903	11.6	0.46	7.0	0.28
3.5mm, Euro Plug, Vertical FWE	4	395032004	395032304	395032404	395032504	395032804	395032904	395037004	395037304	395037404	395037504	395037804	395037904	15.1	0.59	10.5	0.41
3.5mm, Euro Plug, Vertical FWE	5	395032005	395032305	395032405	395032505	395032805	395032905	395037005	395037305	395037405	395037505	395037805	395037905	18.6	0.73	14.0	0.55
3.5mm, Euro Plug, Vertical FWE	6	395032006	395032306	395032406	395032506	395032806	395032906	395037006	395037306	395037406	395037506	395037806	395037906	22.1	0.87	17.5	0.69
3.5mm, Euro Plug, Vertical FWE	7	395032007	395032307	395032407	395032507	395032807	395032907	395037007	395037307	395037407	395037507	395037807	395037907	25.6	1.01	21.0	0.83
3.5mm, Euro Plug, Vertical FWE	8	395032008	395032308	395032408	395032508	395032808	395032908	395037008	395037308	395037408	395037508	395037808	395037908	29.1	1.15	24.5	0.97
3.5mm, Euro Plug, Vertical FWE	9	395032009	395032309	395032409	395032509	395032809	395032909	395037009	395037309	395037409	395037509	395037809	395037909	32.6	1.28	28.0	1.10
3.5mm, Euro Plug, Vertical FWE	10	395032010	395032310	395032410	395032510	395032810	395032910	395037010	395037310	395037410	395037510	395037810	395037910	36.1	1.42	31.5	1.24
3.5mm, Euro Plug, Vertical FWE	11	395032011	395032311	395032411	395032511	395032811	395032911	395037011	395037311	395037411	395037511	395037811	395037911	39.6	1.56	35.0	1.38
3.5mm, Euro Plug, Vertical FWE	12	395032012	395032312	395032412	395032512	395032812	395032912	395037012	395037312	395037412	395037512	395037812	395037912	43.1	1.70	38.5	1.52
3.5mm, Euro Plug, Vertical FWE	13	395032013	395032313	395032413	395032513	395032813	395032913	395037013	395037313	395037413	395037513	395037813	395037913	46.6	1.84	42.0	1.65
3.5mm, Euro Plug, Vertical FWE	14	395032014	395032314	395032414	395032514	395032814	395032914	395037014	395037314	395037414	395037514	395037814	395037914	50.1	1.97	45.5	1.79
3.5mm, Euro Plug, Vertical FWE	15	395032015	395032315	395032415	395032515	395032815	395032915	395037015	395037315	395037415	395037515	395037815	395037915	53.6	2.11	49.0	1.93
3.5mm, Euro Plug, Vertical FWE	16	395032016	395032316	395032416	395032516	395032816	395032916	395037016	395037316	395037416	395037516	395037816	395037916	57.1	2.25	52.5	2.07
3.5mm, Euro Plug, Vertical FWE	17	395032017	395032317	395032417	395032517	395032817	395032917	395037017	395037317	395037417	395037517	395037817	395037917	60.6	2.39	56.0	2.21
3.5mm, Euro Plug, Vertical FWE	18	395032018	395032318	395032418	395032518	395032818	395032918	395037018	395037318	395037418	395037518	395037818	395037918	64.1	2.52	59.5	2.34
3.5mm, Euro Plug, Vertical FWE	19	395032019	395032319	395032419	395032519	395032819	395032919	395037019	395037319	395037419	395037519	395037819	395037919	67.6	2.66	63.0	2.48
3.5mm, Euro Plug, Vertical FWE	20	395032020	395032320	395032420	395032520	395032820	395032920	395037020	395037320	395037420	395037520	395037820	395037920	71.1	2.80	66.5	2.62

SEE SHEET 1 EC NO: ETC2006-0308 DRW: NYR CHK: DEROSS APPR: DEROSS 2006/03/17 2006/03/17 2006/03/17	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM/IN		3:1	INCH		
				DRAWN BY DATE		TITLE			
				CHECKED BY DATE		3.5MM, EURO PLUG, VERTICAL, FRONT WIRE ENTRY			
		APPROVED BY DATE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		R. DEROSS 2006/03/17		SEE CHART		SD-39503-002			2 OF 2
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			