

## 2M805 VS. D38999 Series III



### 2M805 Series

Weight Comparison: 2M805 VS. D38999 Series III

2M805 Layout	Number of Contacts	D38999 Layout	Number of Contacts	2M805 Weight	D38999 Aluminum	% Weight Savings	D38999 Composite	% Weight Savings
8-7	7 #23	9-35	6 #20	13.4	26.3	49%	19.9	33%
10-13	13 #23	11-35	13 #22D	23.0	35.7	36%	26.8	14%
11-19	19 #23	13-35	19 #22D	26.4	50.7	48%	38.5	31%
12-26	26 #23	17-26	26 #20	29.4	58.5	50%	62.6	53%
15-37	37 #23	15-35	37 #22D	42.7	72.1	41%	57.4	26%
18-55	55 #23	17-35	55 #22D	59.6	81.6	27%	65.6	9%
19-85	85 #23	21-35	85 #22D	59.8	119.7	50%	99.1	40%
23-130	130 #23	25-35	128 #22D	85.5	159.3	46%	136.6	37%

Size Comparison: 2M805 VS. D38999 Series III

2M805 Layout	Maximum Plug Diameter					Maximum Jam Nut Receptacle Diameter				
	2M805		D38999		% Reduction	2M805		D38999		% Reduction
	In.	mm.	In.	mm.		In.	mm.	In.	mm.	
8-7	.707	17.96	.859	21.81	17%	.775	19.69	1.201	30.51	35%
10-13	.804	20.42	.969	24.61	18%	.895	22.73	1.386	30.50	35%
11-19	.933	23.70	1.141	28.98	20%	.960	24.38	1.512	38.40	36%
12-26	.999	25.37	1.391	35.33	29%	1.075	27.31	1.764	44.81	39%
15-37	1.113	28.27	1.266	32.16	13%	1.218	30.86	1.638	41.61	26%
18-55	1.308	33.02	1.391	35.33	7%	1.404	35.66	1.764	44.81	20%
19-85	1.328	33.73	1.625	41.27	19%	1.465	37.21	2.075	52.71	29%
23-130	1.577	40.06	1.875	47.63	16%	1.720	43.69	2.323	59.00	26%

Note: Weights shown include contacts and represent a mated pair of plug and jam nut receptacle. Weights are in grams.

# Size & Weight Comparison Charts

## 2M801 VS. D38999 Series III



## 2M801 Series

Weight Comparison: 2M801 VS. D38999 Series III

2M801 Layout	Number of Contacts	D38999 Layout	Number of Contacts	2M801 Weight	D38999 Aluminum	% Weight Savings	D38999 Composite	% Weight Savings
5-3	3	9-98	3	7.9	25.3	69%	19.9	60%
6-7	7	9-35	6	9.8	26.3	63%	19.9	51%
9-19	19	13-35	22	18.8	50.7	63%	38.5	51%
13-37	37	15-35	37	36.0	72.1	50%	57.4	37%
16-55	55	17-35	55	49.8	81.6	39%	65.6	24%
17-85	85	21-35	79	54.3	119.7	55%	99.1	45%
21-130	130	25-35	128	68.7	159.3	57%	136.6	50%

Size Comparison: 2M801 VS. D38999 Series III

2M801 Layout	Cable Plug Diameter					Jam Nut Receptacle Diameter				
	2M801		D38999		% Reduction	2M801		D38999		% Reduction
	In.	mm.	In.	mm.		In.	mm.	In.	mm.	
5-3	.540	13.72	.859	21.82	37%	.575	14.61	1.204	30.58	52%
6-7	.600	15.24	.859	21.82	30%	.635	16.13	1.204	30.58	47%
9-19	.810	20.57	1.156	29.36	30%	.830	21.08	1.516	38.51	45%
13-37	1.050	26.67	1.281	32.54	18%	1.078	27.38	1.641	41.68	34%
16-55	1.240	31.50	1.406	35.71	12%	1.264	32.11	1.766	44.86	28%
17-85	1.300	33.02	1.641	41.68	21%	1.325	33.66	2.078	52.78	36%
21-130	1.550	39.37	1.890	48.01	18%	1.625	41.28	2.323	59.00	30%

Note: Weights shown include contacts and represent a mated pair of plug and jam nut receptacle. Weights are in grams.