

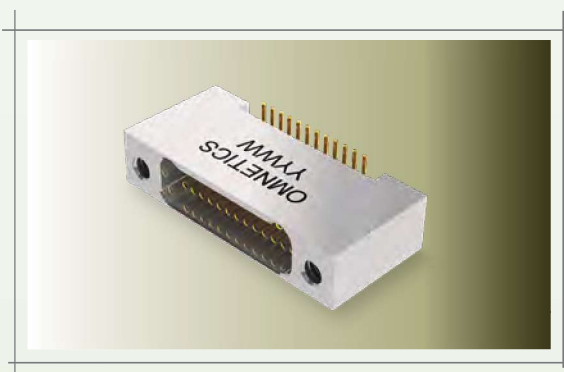
■ Dual Row Vertical SMT (TypeVV) Ordering Guide

■ Series	■ # of Contacts	■ Termination Type	■ Shell Material and Finish	■ Options
■ MNPO Male (Pin Connector)	09 15 21 25 31 37 51 65	VV Vertical Surface Mount	 N Aluminum Shell, Electroless Nickel Plated  CD Aluminum Shell, Cadmium Plated  B Aluminum Shell, Black Anodized  S Stainless Steel Shell, Passivated  T Titanium Shell Unplated	ETH End Threaded Hole, #0-80  HTE High Temp. Epoxy  RH RoHS 

Examples



MNPO-25-VV-N-ETH



MNSO-37-VV-N-ETH-HTE

■ Vertical SMT Bi-Lobe® Mass Chart (estimated +/- 10%)

Pin Count	Male Aluminum	Male Titanium	Male Stainless Steel	Female Aluminum	Female Titanium	Female Stainless Steel
09	.40 g	.61 g	.98 g	.36 g	.59 g	.97 g
15	.48 g	.71 g	1.10 g	.43 g	.66 g	1.08 g
21	.57 g	.80 g	1.23 g	.49 g	.74 g	1.18 g
25	.62 g	.87 g	1.31 g	.53 g	.79 g	1.25 g
31	.70 g	.97 g	1.44 g	.59 g	.86 g	1.35 g
37	.79 g	1.07 g	1.57 g	.65 g	.94 g	1.45 g
51	.98 g	1.29 g	1.86 g	.79 g	1.12 g	1.69 g
65	1.17 g	1.52 g	2.15 g	.94 g	1.30 g	1.93 g