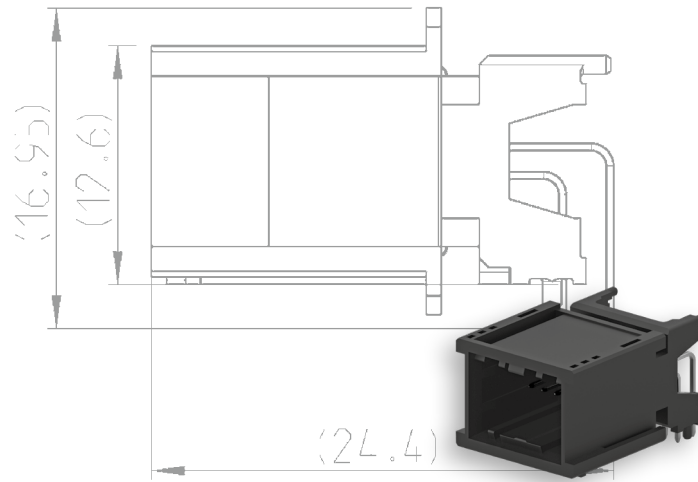


MINIATURIZED

A vehicle's weight can be reduced by using lighter or less material, improving fuel efficiency and reducing CO₂ emissions. TE Connectivity's NanoMQS and MCON 0.50 terminal and connector systems only require about half of the packaging space versus 0.63mm² systems.

The headers are designed to withstand harsh environments such as high vibrations due to their low mass and contact force.



Number of Circuits	Number of Rows	Terminal 1 / Number of Circuits	Terminal 2 / Number of Circuits	Mounting Orientation	Sealed	Termination Method	Plating	Dimensions [mm]			Part Number	Mating Receptacle
								Width	Height	Length		
8	2	.5 x .4	8	180°	No	Through Hole	Sn	25.30	22.95	16.45	2177768-3	2177586-1
8	2	.5 x .4	8	90°	No	Through Hole	Sn	24.47	12.60	16.45	2177372-3	2177586-1
12	2	.5 x .4	12	90°	No	Through Hole	Sn	24.47	12.60	20.05	2177370-3	2177587-1
12	2	.5 x .4	12	180°	No		Sn	25.30	22.95	20.05	2177767-3*	2177587-1
20	2	.5 x .4	20	90°	No	Through Hole	Sn	26.00	22.00	24.35	2208165-1	2141404-1
20	2	.5 x .4	20	90°	No	Through Hole	Sn	24.47	12.60	27.25	2177367-3	2177588-1
20	2	.5 x .4	20	180°	No		Sn	25.30	22.95	27.25	2177766-3*	2177588-1
24	2	.5 x .4	24	90°	No	Surface Mount	Sn	31.90	33.10	37.00	2013029-4	2013031-2
26	2	.5 x .4	26	180°	No	Surface Mount	Ag / Sn	13.71	35.80	38.17	2236469-3	2236526-3
32	2	.5 x .4	32	90°	No	Through Hole	Sn	24.47	12.60	38.05	2177419-3	2141576-1
32	2	.5 x .4	32	180°	No	Through Hole	Sn	25.30	22.95	38.05	2177748-3	2141576-1

*) on demand