

## MVR-100 Water Block (Motherboard VReg)

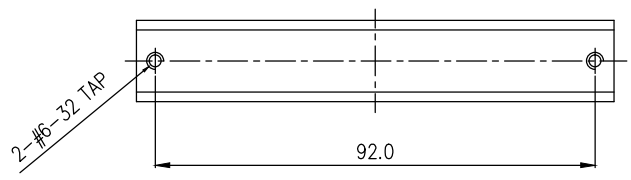
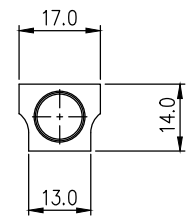
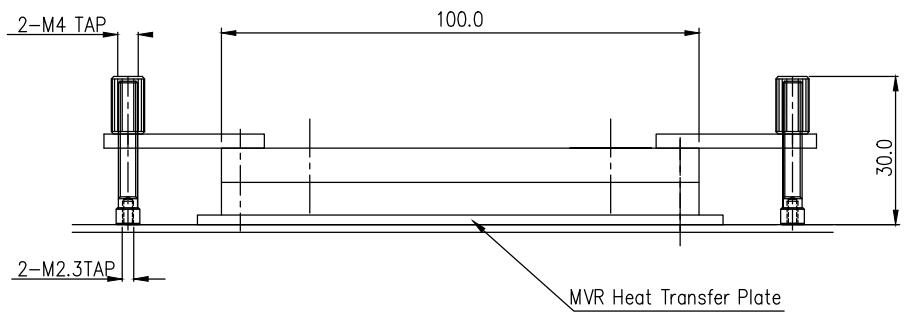
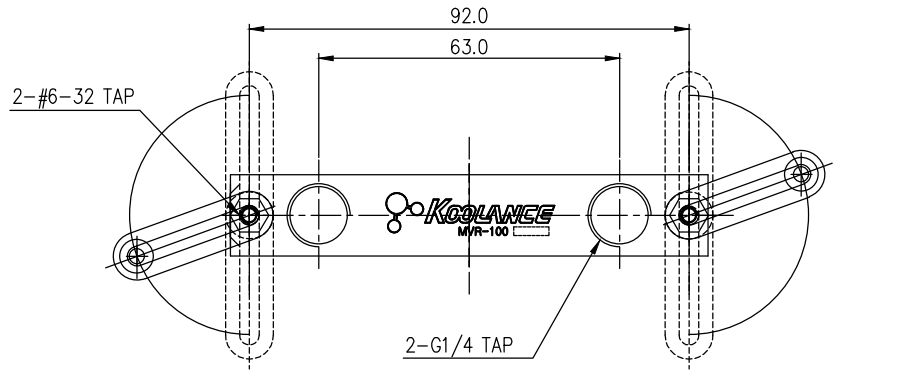


The MVR-100 is a universal water block for motherboard MOSFET-based voltage regulator circuits. Koolance offers various swappable cold plates for the MVR-100 to fit a wide variety of motherboard brands and models. Materials include copper with anti-corrosive nickel plating. G 1/4 BSPP fitting threading.

[NOTE: Currently, the [MVR-PLT140](#) is the only compatible heat transfer plate for the MVR-100. The others are used with the Koolance [MVR-40](#).] To determine which Koolance heat transfer plate is required for your motherboard, simply [measure the length and width](#) of the original thermal interface material for that area. Then, if available, select a [heat transfer plate](#) that roughly matches the length and width (to within about 2mm, or 1/16"). The heat transfer plate is screwed directly into the MVR-100, and both are mounted to the motherboard via swinging arms.

NOTE: If Koolance does not have the correct size of heat transfer plate for your motherboard, please [let us know](#) your required size. We will try to make one available if we receive sufficient demand.

General	
Weight	0.30 lb (0.14 kg)
Fitting Thread	G 1/4 BSPP
Materials	Nickel-Plated Copper
Max Pressure @ 25°C	10kgf/cm <sup>2</sup> (142.2psi)
Max Temperature	120°C (248°F)



REV	DATE	CONTENTS	APPD BY

NO.	DESCRIPTION			MATER'L		QUANTITY	REMARKS
				UNIT	MM		
				SCALE		N/S	PART NO. MVR-100
				DATE		3RD ANGLE	TITLE
	BY	BY	BY	APPRD BY			
					DWG. NO.		ITEM