

## QUAD SUM/DIFFERENCE AMPLIFIER MODULE

**Part Number:**

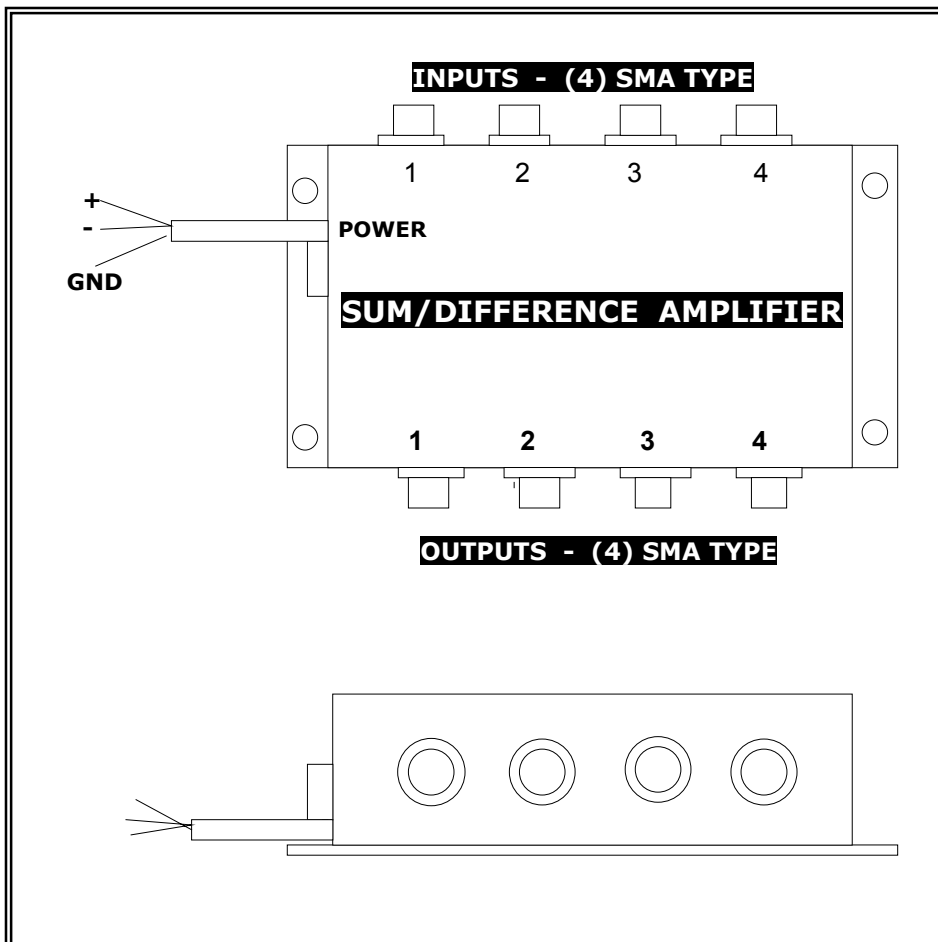
**QSP - 1**

**OUTPUTS:**

$$V_1 = A + B + C + D$$

$$V_2 = (B+C) - (A+D)$$

$$V_3 = (C+D) - (A+B)$$



### SPECIFICATIONS

POWER SUPPLY	$\pm 9v$ to $\pm 15v$
INPUT NOISE VOLTAGE	8 nV/Hz <sup>1/2</sup> @ 1kHz
INPUT NOISE CURRENT	3 fA/Hz <sup>1/2</sup> @ 1kHz
INPUT OFFSET CURRENT	2 pA
BANDWIDTH	DC - 10kHz *
CONNECTIONS	SMA IN, SMA OUT,
POWER CABLE	SHIELDED
POWER REQUIREMENT	+,- 6VDC TO 15VDC; 80mA
CASE SIZE	2" x 3.75" x .875", 4 mounting holes, spaced 1.5" x 3.375"
NOTE:	Gain and bandwidth parameters may be varied by customer specification.