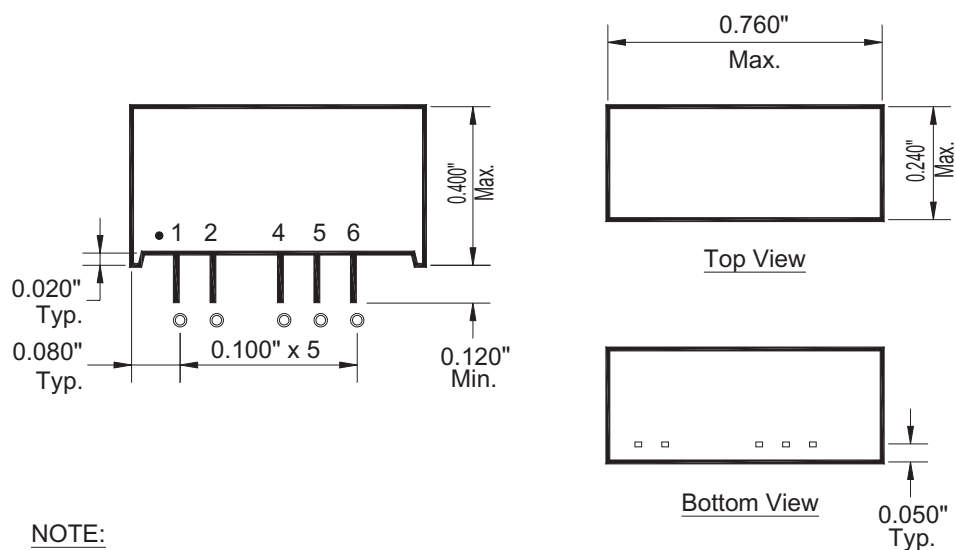


PART NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	EFFICIENCY
MSB - 0505	5 VDC	5 VDC	200 mA	70 %
MSB - 0509		9 VDC	111 mA	75 %
MSB - 0512		12 VDC	84 mA	80 %
MSB - 0515		15 VDC	66 mA	82 %
MS - 0505D		±5 VDC	±100 mA	70 %
MS - 0509D		±9 VDC	±56 mA	75 %
MS - 0512D		±12 VDC	±42 mA	78 %
MS - 0515D		±15 VDC	±33 mA	80 %
MSB - 1205	12 VDC	5 VDC	200 mA	70 %
MSB - 1209		9 VDC	111 mA	75 %
MSB - 1212		12 VDC	84 mA	80 %
MSB - 1215		15 VDC	66 mA	82 %
MS - 1205D		±5 VDC	±100 mA	70 %
MS - 1209D		±9 VDC	±56 mA	75 %
MS - 1212D		±12 VDC	±42 mA	78 %
MS - 1215D		±15 VDC	±33 mA	80 %
MSB - 1505	15 VDC	5 VDC	200 mA	70 %
MSB - 1509		9 VDC	111 mA	75 %
MSB - 1512		12 VDC	84 mA	80 %
MSB - 1515		15 VDC	66 mA	82 %
MS - 1505D		±5 VDC	±100 mA	70 %
MS - 1509D		±9 VDC	±56 mA	75 %
MS - 1512D		±12 VDC	±42 mA	78 %
MS - 1515D		±15 VDC	±33 mA	80 %
MSB - 2405	24 VDC	5 VDC	200 mA	70 %
MSB - 2409		9 VDC	111 mA	75 %
MSB - 2412		12 VDC	84 mA	80 %
MSB - 2415		15 VDC	66 mA	82 %
MS - 2405D		±5 VDC	±100 mA	70 %
MS - 2409D		±9 VDC	±56 mA	75 %
MS - 2412D		±12 VDC	±42 mA	78 %
MS - 2415D		±15 VDC	±33 mA	80 %

MSB= Single Output
MS= Dual Output



NOTE:

*TERMINAL 0.020" x 0.010" FLAT PIN

NOTE:

All specifications typical and nominal / full load and 25°C unless otherwise noted.
 Avoid sustained operation in overload or dead short conditions.
 Specifications subject to changes without notice.

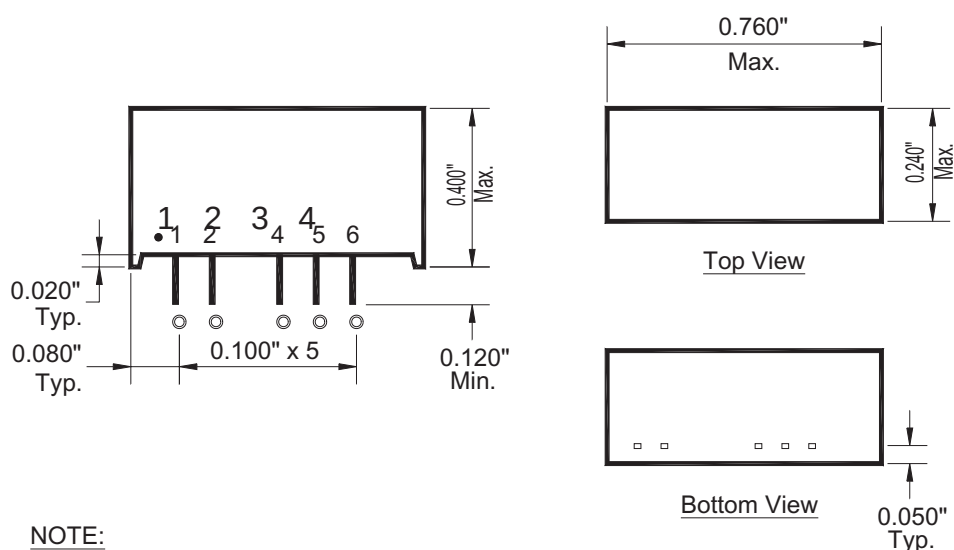
MS / MSB SERIES

Pin Connections

PIN	MSB	MS
1	+INPUT	+INPUT
2	-INPUT	-INPUT
4	-OUTPUT	-OUTPUT
5	NO PIN	COMMON
6	+OUTPUT	+OUTPUT

PART NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	EFFICIENCY
MSM - 0305	3.3 VDC	5 VDC	100 mA	70 %
MSM - 0309		9 VDC	56 mA	70 %
MSM - 0312		12 VDC	42 mA	72 %
MSM - 0315		15 VDC	33 mA	75 %
MSM - 0503	5 VDC	3.3 VDC	152 mA	70 %
MSM - 0505		5 VDC	200 mA	70 %
MSM - 0509		9 VDC	111 mA	75 %
MSM - 0512		12 VDC	84 mA	78 %
MSM - 0515	12VDC	15 VDC	66 mA	80 %
MSM - 1205		5 VDC	200 mA	70 %
MSM - 1209		9 VDC	111 mA	75 %
MSM - 1212		12 VDC	84 mA	78 %
MSM - 1215	15 VDC	15 VDC	66 mA	80 %
MSM - 1505		5 VDC	200 mA	70 %
MSM - 1509		9 VDC	111 mA	75 %
MSM - 1512		12 VDC	84 mA	78 %
MSM - 1515	24 VDC	15 VDC	66 mA	80 %
MSM - 2405		5 VDC	200 mA	70 %
MSM - 2409		9 VDC	111 mA	75 %
MSM - 2412		12 VDC	84 mA	78 %
MSM - 2415		15 VDC	66 mA	80 %

MSM - Single Output



NOTE:

*TERMINAL 0.020" x 0.010" FLAT PIN

MSM SERIES

Pin Connections	
Pin#	Single
1	GND
2	VCC
3	OV
4	+V

NOTE:

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