

# Interpoint® Space Qualified DC-DC Converters and EMI Filters



SLH



SMSA



SMHF



SMTR



SMRT



STF



SFMC



SFME



SMFL

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Products shown on reverse are listed below except as noted. Visit [www.craneae.com/interpoint.com](http://www.craneae.com/interpoint.com) to see all products.

Product images are full size, however variations may occur due to printing.

## DC-DC CONVERTERS

MODEL (SERIES)	INPUT VOLTAGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT POWER (W)	EFFICIENCY (% , TYPICAL)	OPERATING TEMPERATURE	AVAILABLE SCREENING	EMI FILTER <sup>1</sup>
SMFLHP <sup>1</sup>	19 - 40	3.3, 5, 12, 15 ±5, ±12, ±15	53 - 100	72 - 87	-55° to +125°C	Space Prototype (O), QML Class H or K RHA up to R	SFME28-461
SMFL	16 - 40	3.3, 5, 12, 15 ±5, ±12, ±15	40 - 60	70 - 85	-55° to +125°C	Space Prototype (O), QML Class H or K RHA up to R	SFME28-461
SMP120 <sup>1</sup>	80 - 160	5, 28	40 (5 volt) 49 (28 volt)	75 (5 volt) 83 (28 volt)	-55° to +125°C	Prototype (O) non-QML, Screened to QML Class H or K	Built in filter
SMRT28	19 - 56	3.3, 5, 8.7, 12, 15 ±5, ±12, ±15	23 - 35	60 - 75	-55° to +125°C	Space Prototype (O), QML Class E (equivalent to K production screen- ing) , RHA up to R	Built in filter
		3.3 & ±12, 3.3 & ±15, 5 & ±7, 5 & ±12, 5 & ±15					
SMTR	16 - 40	3.3, 5, 12, 15 ±5, ±12, ±15	12 - 30	60 - 84	-55° to +125°C	Space Prototype (O), QML Class H or K RHA up to R	SFMC28-461
MFP <sup>1</sup>	3 - 6	0.64 to 3.5	5.6 - 16.5	73 - 92	-55° to +125°C	Prototype (O) non-QML, Class H-QML or K-QML	Not Recommended
SMHF42 <sup>1</sup>	35 - 55	3.3, 5, 5.2, 12, 15 ±5, ±12, ±15	8 - 15	73 - 82	-55° to +125°C	Prototype (O) non-QML, Screened to Class H QML or K-QML	SFMC28-461
SMHF	16 - 45	3.3, 5, 12, 15 ±5, ±12, ±15	6 - 15	67 - 82	-55° to +125°C	Space Prototype (O), QML Class H or K RHA up to R	SFMC28-461
SMSA	16 - 40	3.3, 5, 5.2, 12, 15 ±5, ±12, ±15	4 - 5	65 - 74	-55° to +125°C	Space Prototype (O), QML Class H or K RHA up to R	STF28-461 SFMC28-461
SLH	16 - 40	5, 12, 15 ±5, ±12, ±15	1.5	74 - 77	-55° to +125°C	Space Prototype (O), QML Class H or K RHA up to R	STF28-461

1. Product not shown.

## EMI FILTERS <sup>1</sup>

MODEL	INPUT VOLT- AGE (VDC)	CURRENT (MAX. A)	MINIMUM ATTENUATION (dB) @ 500 kHz	AVAILABLE SCREENING	COMPATIBLE CONVERTER
SFME28-461	0 - 50	10.00	60	Space Prototype (O) QML Class H or K, RHA H	SMFLHP, SMFL, SMTR, SMHF, SMSA, SLH
SFMC28-461	0 - 50	2.70	50	Space Prototype (O) QML Class H or K, RHA H	SMTR, SMHF, SMSA, SLH
STF28-461	0 - 50	0.80	50	Space Prototype (O) QML Class H or K, RHA H	SMSA, SLH

1. All filters may be used with multiple converters up to the rated current of the filter.

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