

Interpoint® Space Qualified DC-DC Converters and EMI Filters



SLH



SMSA



SMHF



SMTR



SMRT



SMFL



SFME



STF



rMOR



sMOR



SFMC

Interpoint® Space Qualified DC-DC Converters and EMI Filters

Products shown on reverse are listed below except as noted. Visit www.craneae.com/interpoint.com to see all products.

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

DC-DC CONVERTERS₁

MODEL (SERIES)	INPUT VOLTAGE (V _{DC})	OUTPUT VOLTAGE (V _{DC})	OUTPUT POWER (W)	TYPICAL EFFICIENCY (%)	OPERATING TEMPERATURE (°C)	AVAILABLE SCREENING	EMI FILTER ¹
rMOR	15 to 50	3.3, 5, 6.3, 9.5, 12, 15, 28 ±5, ±6.3, ±9.5, ±12, ±15	Up to 120	86 to 91	-55 to +105	Standard, ES	FMCE-1528
sMOR	19 to 50	3.3, 5, 6.3, 12, 15, 28 ±5, ±6.3, ±9.5, ±12, ±15	Up to 120	74 to 77	-55 to +125	Standard, ES or screened to 883 Class Space Proto-type (O), QML Class H or K RHA up to R"	SFME28-461
SMFLHP ¹	19 to 40	3.3, 5, 12, 15 ±5, ±12, ±15	53 to 100	72 to 87	-55 to +125	Space Prototype (O), QML Class H or K RHA up to R	SFME28-461
SMFL	16 to 40	3.3, 5, 12, 15 ±5, ±12, ±15	45 to 65	70 to 85	-55 to +125	Space Prototype (O), QML Class H or K RHA up to R	SFME28-461
SMP120 ¹	80 to 160	5, 28	40 to 49	75 (5 volt) 83 (28 volt)	-55 to +125	Prototype (O) non-QML, Screened to QML Class H or K	Built in Filter
SMRT28	19 to 56	3.3, 5, 8.7, 12, 15 ±5, ±12, ±15	23 to 35	60 to 75	-55 to +125	Space Prototype (O), QML Class E (equivalent to K production screening), RHA up to R	Built in Filter
		3.3 & ±12, 3.3 & ±15, 5 & ±7, 5 & ±12, 5 & ±15					
SMTR	16 to 40	3.3, 5, 12, 15 ±5, ±12, ±15	18 to 30	60 to 84	-55 to +125	Space Prototype (O), QML Class H or K RHA up to R	SFMC28-461
MFP ¹	3 to 6	0.8 to 3.5	5.6 to 16.5	73 to 92	-55 to +125	Prototype (O) non-QML, Class H-QML or K-QML	Not recommended for new designs
SMHF42 ¹	35 to 55	3.3, 5, 5.2, 12, 15 ±5, ±7, ±12, ±15	8 to 15	73 to 82	-55 to +125	Prototype (O) non-QML, Screened to Class H QML or K-QML	SFMC28-461
SMHF	16 to 45	3.3, 5, 12, 15 ±5, ±12, ±15	6 to 15	67 to 82	-55 to +125	Space Prototype (O), QML Class H or K RHA up to R	SFMC28-461
SMSA	16 to 40	3.3, 5, 5.2, 12, 15 ±5, ±12, ±15	4 to 5	65 to 74	-55 to +125	Space Prototype (O), QML Class H or K RHA up to R	STF28-461 SFMC28-461
SLH	16 to 40	5, 12, 15 ±5, ±12, ±15	1.5	74 to 77	-55 to +125	Space Prototype (O), QML Class H or K RHA up to R	STF28-461

1. Product not shown.

EMI FILTERS₁

MODEL	INPUT VOLTAGE (V _{DC})	MAX. CURRENT (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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