



PART NO.	CONDUCTOR MATERIAL	T/C TYPE	POWER LEAD MATERIAL	CURRENT
FA12489	CHROMEL / ALUMEL	K	COPPER	55 AMPS
FA12489-02	IRON / CONSTANTAN	J	COPPER	55 AMPS
FA12489-03	TUNGSTEN / RHENIUM*	C	COPPER	55 AMPS
FA12489-04	CHROMEL / CONSTANTAN	E	COPPER	55 AMPS
FA12489-05	CHROMEL / ALUMEL	K	NICKEL	16.5 AMPS
FA12489-06	IRON / CONSTANTAN	J	NICKEL	16.5 AMPS
FA12489-07	TUNGSTEN / RHENIUM*	C	NICKEL	16.5 AMPS
FA12489-08	CHROMEL / CONSTANTAN	E	NICKEL	16.5 AMPS

PERFORMANCE SPECIFICATIONS	
VOLTAGE:	5KV DC
CONDUCTOR MATERIAL:	SEE TABLE AT LEFT
T/C TYPE:	SEE TABLE AT LEFT
POWER LEAD MATERIAL:	SEE TABLE AT LEFT
CURRENT:	SEE TABLE AT LEFT
PRESSURE:	200 PSIG @ 20°C
TEMPERATURE:	-25°C TO 205°C

*TYPE C USES COMPENSATING WIRE. MAXIMUM JUNCTION TEMPERATURE 250°C

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REV.	APP'D	DATE	SCALE 3:4	DIMENSIONS IN INCHES [mm]	DRAWN	JM	4/12/2006	PART NO. (SEE TABLE) REV. D	WWW.SOLIDSEALING.COM
D1	CW	11/16/2021	MPCL0048-ST		ENG APPR.	MH	08/14/2006		SALES DWG NO. FA12489SL REV. D1

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