



PART NO.	CONDUCTOR MATERIAL	T/C TYPE	POWER LEAD MATERIAL	CURRENT
FA12424	CHROMEL / ALUMEL	K	COPPER	27 AMPS
FA12424-02	IRON / CONSTANTAN	J	COPPER	27 AMPS
FA12424-03	TUNGSTEN / RHENIUM*	C	COPPER	27 AMPS
FA12424-04	CHROMEL / CONSTANTAN	E	COPPER	27 AMPS
FA12424-05	CHROMEL / ALUMEL	K	NICKEL	8.2 AMPS
FA12424-06	IRON / CONSTANTAN	J	NICKEL	8.2 AMPS
FA12424-07	TUNGSTEN / RHENIUM*	C	NICKEL	8.2 AMPS
FA12424-08	CHROMEL / CONSTANTAN	E	NICKEL	8.2 AMPS

RATINGS	
VOLTAGE:	3KV 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:	800 PSIG @ 20°C
TEMPERATURE WITHOUT PLUG:	-269°C TO 450°C
TEMPERATURE WITH PLUG:	-29°C TO 218°C

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

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REV.	APP'D	DATE	SCALE 1:1	DIMENSIONS IN INCHES [mm]	DRAWN	JM	1/13/2006	PART NO. (SEE TABLE) REV. B	
B2	JS	05/24/2013	MPC10050-0ST		ENG APPR.	MH	05/23/2006		SALES DWG NO. FA12424SL REV. B2

**DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS NOTED, NO TOLERANCES ARE IMPLIED. CONSULT SST TO DISCUSS YOUR SPECIFIC REQUIREMENTS.**