



**DP10068**  
**177C MWD FOCUSED GAMMA MODULES**

**SPECIFICATIONS**

**Electrical:**

Input Voltage:	+15V to +30V
Current:	< 14ma @ 24V 25C , < 20ma @ 24V 177C
Output Signal:	Fixed 5 $\mu$ s – Negative going - +5V to Gnd
Output Protection:	Output shorted to >10V – Unit Shuts Down
Output Power Down:	Shorted Output Disables HV
Connectors:	Glenair MWDM2R-15P & MWDM2R-15S (200C rated) (MDM Series Compatible)
PMT:	Hamamtsu R3991A-31
NaI Crystal:	Saint-Gobain .77G5.2 (Active Area)

**Performance:**

Sensitivity:	~.45 Counts/API
Accuracy:	+/- 3% Count Rate Change - 25C to 177C
Gain Stabilization:	Open Loop Gain Compensation with Temperature

**Environmental:**

Operating Temperature:	-50C to 177C
Survival Temperature:	200C
Vibration:	30G, 50 to 250hz Random
Shock:	1000G

**Mechanical:**

Diameter:	1.36"
Length:	15.37" (13.6" Make up)
Weight:	~4.3 lbs
Material:	Black Anodized 6061 Series Aluminum Tungsten over crystal



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