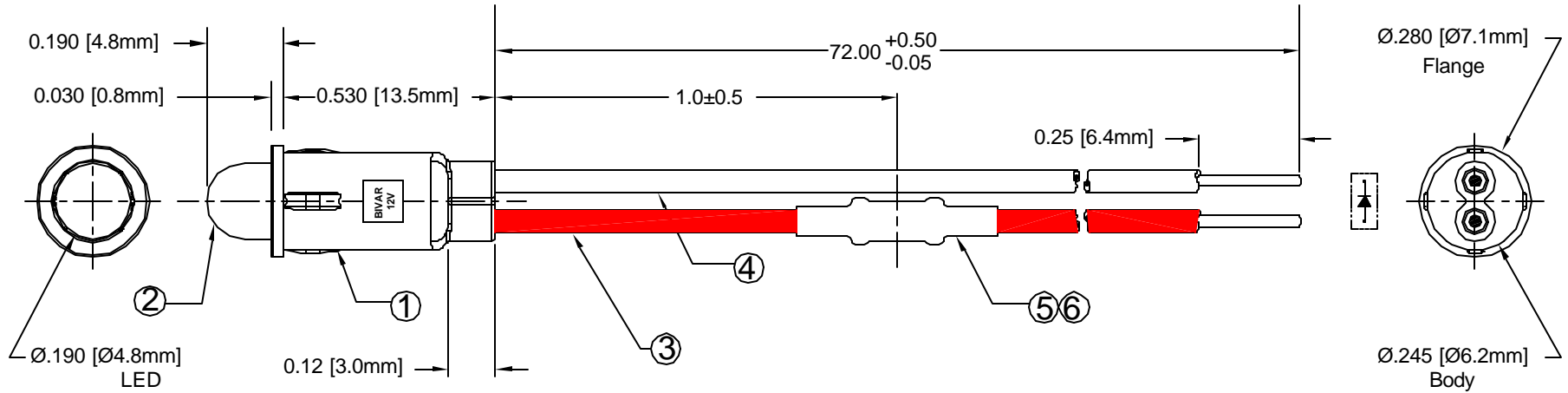


ITEM	QTY	PART NUMBER	PART DESCRIPTION
1	1	PM5-12V	LED holder, Panel Mount, Press Fit (5mm)
2	1	5AD	T-1 3/4 (5mm) Non-Flange LED
3	1	BWS24-1061-RD	24AWG Wire Lead U.L. 1061, RED
4	1	BWS24-1061-BK	24AWG Wire Lead U.L. 1061, BLACK
5	1	R490-.25	490 Ohm $\pm 5\%$ , 0.25 Watt
6	1	BST500-BK	Shrink Tubing, Black, .50" cut Length

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	09/15/06	M. C.



LED Part No.	Chip			Lens Appearance	Absolute Maximum Ratings				Electro-Optical Data @ 20mA			Viewing Angle (Deg)
	Material	Peak Wave Length $\lambda_p$ (nm)	Emitted Color		$\Delta\lambda$ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
									Typ.	Max.	Typ.	
5AD	GaAsP/GaP	610	AMBER	DIFFUSED	35	80	30	150	-	12V	45	45

## ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

REVERSE VOLTAGE \_\_\_\_\_ 5V  
 REVERSE CURRENT (VR=5V) \_\_\_\_\_ 100 $\mu$ A  
 OPERATING TEMPERATURE RANGE \_\_\_\_\_ -25°C ~ 85°C  
 STORAGE TEMPERATURE \_\_\_\_\_ -30°C ~ 100°C  
 LEAD SOLDERING TEMPERATURE (1/16" FROM BODY) \_\_\_\_\_ 260°C for 5 Seconds

STANDARD TOLERANCE ( UNLESS OTHERWISE SPECIFIED )		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X $\pm .1$	X° $\pm 1^\circ$	<b>TITLE:</b> T-1 3/4 (5mm) Panel Mount, 12V	
.XX $\pm .02$			
.XXX $\pm .010$			
DESIGNED: <b>Dan Beckman</b>	DATE: <b>09/15/06</b>	<b>PART NO:</b> PM5AD12VW72-ER	<b>REVISION:</b> A
CHECKED: <b>T. Yin</b>	DATE: <b>09/15/06</b>	<b>CAGE CODE :</b> 32559	<b>SHEET #</b> 1 OF 1
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[BIVAR:](#)

[PM5AD12VW72-ER](#)