

NOTES:

-

					REF	2	050-0477-001			TIGHT BEAM SIDELOOKER PACKAGE DESIGN						
					REF	1	730-0720-001			ASSEMBLY DWG.						
-005	-004	-003	-002	-001	ITEM NO	HONEYWELL OPTO.		GOV'T OR INDUSTRY		DESCRIPTION OR NOMENCLATURE						
QTY. REQ'D						PART OR IDENTIFYING NO.										
DOCUMENTATION CONTROL					UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: ANGLES±1° 3 PLACE DECIMAL ±.005 2 PLACE DECIMAL ±.02				DRAFT.		DATE		Honeywell TITLE TIGHT BEAM SIDELOOKER, GaAlAs LED SIZE A DWG. NO. 845-8736-TAB 5=1 SCALE SHEET 1 OF 2			
CLASS	EFFECT. DATE	APPROV.							DON MORGAN 2-10-90		CHECK MACK BEAN 5-3-90					
A					ENGR. J. WOODS 2-12-90		MANUF. C. TEAMANN 4-1-90									
B					Q.A. B. BARNES 5-3-90		FILE NAME 845-8736-tab_rd.0.f									
C																
D																
R																
MATERIAL:																

SYMBOL	DESCRIPTION	CONDITIONS	MIN	TYP	MAX	UNITS
Po	Output Power (1) 845-8736-001 845-8736-002 845-8736-003	If = 20mA	.50 1.2 1.7		3.0	mW/cm2
Vf	Forward Voltage	If = 20mA		1.4	1.65	V
Vr	Reverse Breakdown Voltage	Ir = 10uA		3		V
	Peak Wavelength			880		nM
	Beam Angle (2)			10		Deg
	Deviation Between Optical and Mechanical Axes			<3		Deg

NOTES:

- (1) Power is that power measured into a .104" aperture placed .500" from the lens tip.
 (2) Beam angle is the total angle between the half power points.
 (3) Units which have special customer requirements shall be described under separate documents with DWG. NUMBER 845-8736-1XX.

Honeywell

DRAWING NO.

845-8736-TAB

FILE NAME

845-8736-tab_rd.2.f

SIZE

A

SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

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

[Honeywell:](#)

[FSEP8736-003](#)