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REV	REVISION DESCRIPTION	ECN	INIT	DATE	APPROVAL
F	SEE SHEET ONE				

### 10 WATT BALLAST (C)

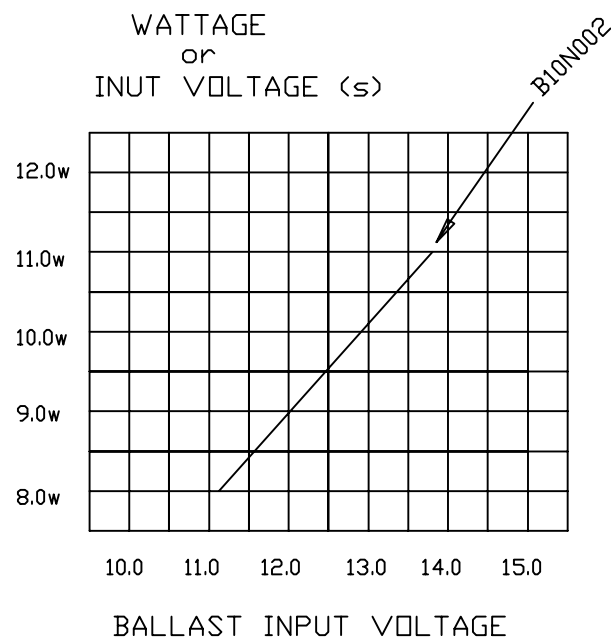
#### TECHNICAL SPECIFICATIONS

B10N002

Input Voltage @ 10 Watts	12.8v
Max. safe continuous operating voltage	13.6v
Absolute max. instantaneous voltage	14.2v
Identifying markers (Lead colors)	Bk/Rd
Absolute max. case temperature.	90 °C
Reverse polarity w/o perm. damage	<1 Sec.
Efficiency @ 25 °C	70%
Shut down time	3 Sec.
Ballast reset time after shutdown	3 Sec.
Nominal starting voltage	6.0 kv

OUTPUT  
WATTAGE

TESTED @ 25°C  
AMBIENT W/SYSTEM ON  
FOR 1 HOUR ON A  
FIXED LOAD



#### NOTES:

- IT IS RECOMMENDED THAT ALL APPLICATIONS BE PROPERLY FUSED WITH A 2A FUSE.
- HEAT SINKING THE BALLAST WILL PROVIDE OPTIMAL EFFICIENCY.
- FOR APPLICATIONS WHERE THE BALLAST IS LOCATED 6 INCHES OR FURTHER FROM THE POWER SOURCE THAT ITS WIRES BE CONTINUOUSLY TWISTED TO PREVENT VOLTAGE SPIKES.

#### APPLICATIONS:

B10N002 10 CELL NICAD OR NMH/RECHARGEABLE LEAD ACID. 8 ALKALINE CELLS

QTY	QTY	QTY	QTY	ITEM OR SYMBOL	PART NUMBER	DESCRIPTION
504	503	502	501			

MATERIAL:

FINISH:

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED: DIMENSIONS INCLUDE PLATING. REMOVE BURRS & SHARP EDGES. THREADS ARE UNIFIED SERIES AND INCLUDE PLATING: EXTERNAL THDS = CLASS-2 A INTERNAL THDS = CLASS-2 B	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN mm [IN]			APPROVAL SIGNATURES				WELCH ALLYN, INC. SKANEATELES FALLS, N.Y. U.S.A.	
	TOLERANCES ON:								
	BASIC DIMENSION	.XX [.XX]	.XXX [.XXX]	P BARAN		12/7/00		B DRAWING NO.	C_B10N002
	UP TO 152 [6]	± .51 [.02]	± .127 [.005]	CHECKED		DATE			
	152 [6] TO 610 [24]	± .76 [.03]	± .254 [.010]	R WOOD		12/8/00		SCALE	PAGE 2 OF 2
ABOVE 610 [24]	± 1.52 [.06]	± .381 [.015]	APPROVED		DATE				
ANGLES: ± 1/2 DEGREE			D BRABHAM		12/12/00				
DO NOT SCALE									