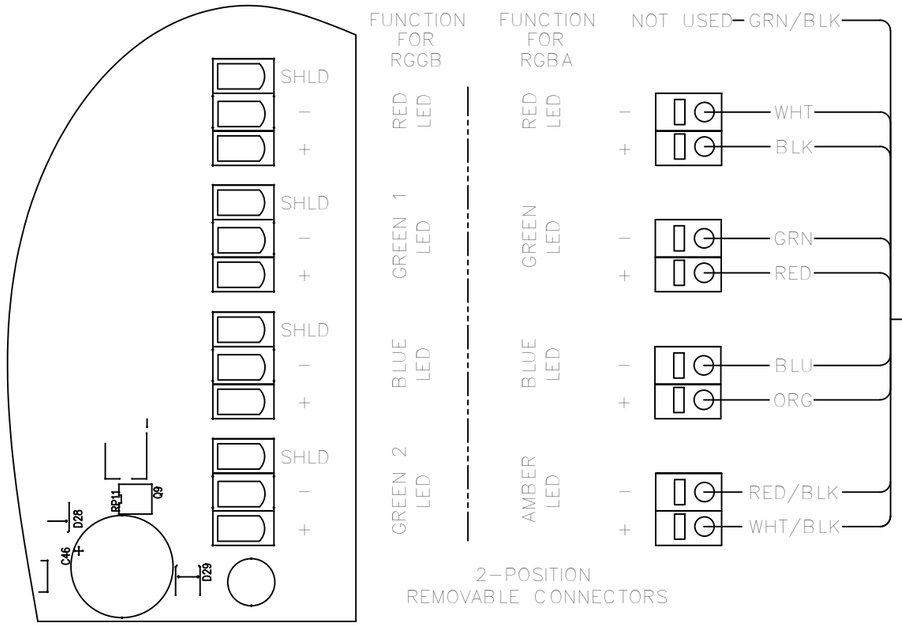
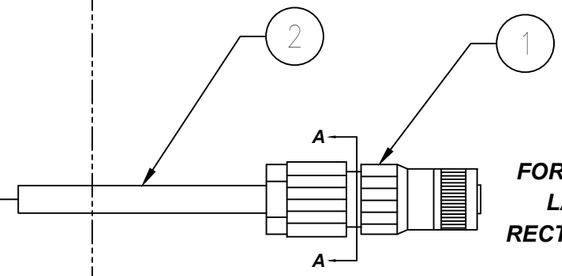
INTERNAL TO BRIK CONTROLLER ENCLOSURE



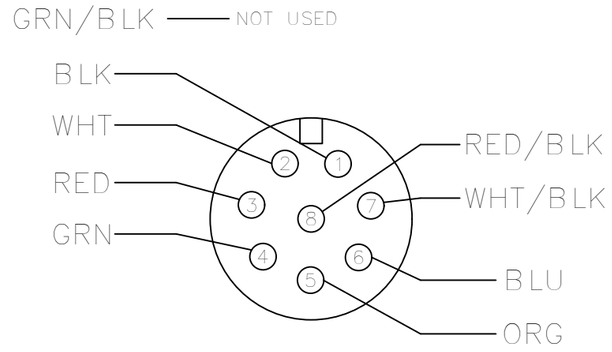
CONTROL BOARD

2–POSITION
REMOVABLE CONNECTORS

STROBE FIELD WIRING



FOR INFORMATION ONLY
LAMP TYPE MAY BE
RECTANGULAR OR ROUND



VIEW A-A

REAR VIEW
OF CONNECTOR

WARNING: NEVER DISCONNECT OR CONNECT A STROBE CABLE UNDER POWER.
ALWAYS TURN ALL POWER SOURCES OFF BEFORE SERVICING.

THIS STROBE REQUIRES 4 INDEPENDENT DMX CONTROL CHANNELS
RED, GREEN 1, BLUE, GREEN 2 WHEN USING RGGB
RED, GREEN, AMBER, BLUE WHEN USING RGBA
RED, GREEN, BLUE, WHITE WHEN USING RGBW

CAUTION:

DO NOT CONNECT WIRES TO CONTROL BOARD DIRECTLY. THIS WILL DAMAGE THE HEADERS.
REMOVE THE CONNECTOR PLUGS FROM THE PC-BOARD BEFORE CONNECTING WIRES.
DO NOT APPLY PRESSURE TO CONNECTOR PLUGS WHILE INSTALLED ON THE PC-BOARD.

WIRING INSTRUCTIONS:

THESE CONNECTIONS USE TENSION CLAMP PLUGS.
A FLAT HEAD SCREW DRIVER NOT MORE THAN 1/8" WIDE IS REQUIRED.

1– INSERT SMALL FLAT HEAD SCREW DRIVER INTO RECTANGULAR SLOT TO OPEN CLAMP.
2– STRIP WIRE APPROXIMATELY 1/4" TO 3/8".
3– WHILE THE CLAMP IS OPENED, CAREFULLY INSERT THE WIRE INTO THE ROUND ENTRY HOLE.
BE CAREFUL NOT TO LEAVE WIRE STRANDS OUTSIDE THE TERMINAL. THIS MAY CAUSE SHORTS.
4– WHEN THE WIRE IS FULLY INSERTED, REMOVE THE SCREW DRIVER FROM THE TERMINAL.
5– REPEAT FOR EACH OF THE WIRES.
6– INSERT EACH PLUG INTO THE PROPER CHANNEL OBSERVING POLARITY.

WIRING INSTRUCTIONS:

THIS CONNECTOR USES SCREW TERMINATIONS.
A FLAT HEAD SCREW DRIVER NOT MORE THAN 1/16" WIDE IS REQUIRED.

1– FOLLOW CONNECTOR MANUFACTURER'S INSTRUCTIONS TO PERPARE THE CONNECTOR AND CABLE.
2– INSERT THE STRIPPED WIRE INTO THE RESPECTIVE TERMINAL.
BE CAREFUL NOT TO LEAVE WIRE STRANDS OUTSIDE THE TERMINAL. THIS MAY CAUSE SHORTS.
3– TIGHTEN UP THE SCREW.
4– REPEAT FOR EACH OF THE WIRES.

ITEM #	QTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
2	A/R	83559	CABLE, PVC JACKET, SHIELDED, 9 COND., 22 AWG	BELDEN
1	1	SACC–M12FS–8CON–PG9–M	CONNECTOR, CABLE END, M12 FEMALE, 8–PIN, .24–.32" [5–8mm], CABLE O.D.	RDE

CONSULTANTS	REV.	DATE	REVISION RECORD	DR.	APPR.	ECN	REV.	DATE	REVISION RECORD	DR.	APPR.	ECN

AREA:

THIS DOCUMENT CONTAINS COPYRIGHTED MATERIAL & CONFIDENTIAL TRADE SECRET INFORMATION BELONGING EXCLUSIVELY TO BIRKET ENGINEERING, INC. UNAUTHORIZED USE, DISCLOSURE, DISSEMINATION OR DUPLICATION OF ANY OF THE INFORMATION CONTAINED HERIN MAY RESULT IN LIABILITY UNDER APPLICABLE LAWS.

P.O. BOX 770370 - WINTER GARDEN, FL 34787
PHONE: 407-290-2000 - FAX: 407-654-2150
EMAIL: SUPPORT@BIRKET.COM

BIRKET Engineering, Inc.

DRAWN: CKC
DATE: 24–MAY–2012
APPR: M. GODOY
DATE: 24–MAY–2012
SCALE: N.T.S.

DRAWING TITLE: HARNESS, 10 WATT LED, COLOR

DRAWING NUMBER: 0246H002–7

SHEET: 1 OF 1

FILE: 0246H002.DWG