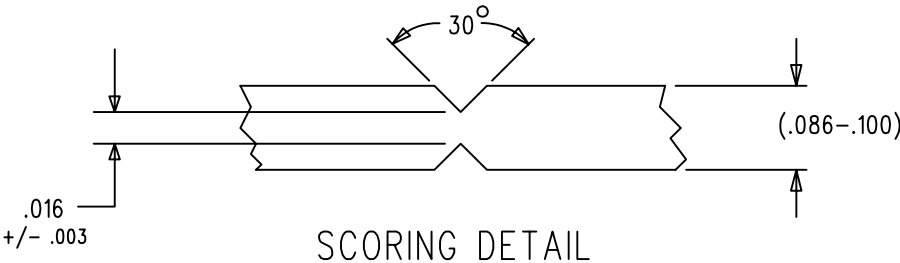
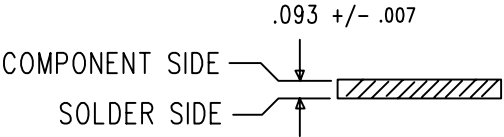


REVISIONS					
ECN	ZONE	LTR	DESCRIPTION	DATE	APPD
		1	ORIGINATED	02/13/01	
DECO#7946		2	CHANGED PER DECO	08/07/01	
DECO#7992		3	CHANGED PER DECO	10/23/01	
DECO#8362		4	CHANGED PER DECO	02/21/02	
ECO#8400		A	RELEASED TO MFG	03/20/02	

- NOTES:
UNLESS OTHERWISE SPECIFIED:
- FABRICATE BOARDS IN ACCORDANCE WITH IPC-6012A, CLASS 2. FINISHED BOARDS MUST MEET QUALITY CONFORMANCE TESTING AND INSPECTION AS SPECIFIED.
 - MATERIAL: A) BASE LAMINATE: TYPE GF, COPPER CLAD GLASS BASE, EPOXY RESIN SHALL BE IN ACCORDANCE WITH IPC-4101/21. BASE DIELECTRIC MATERIAL WITH STANDING VOLTAGE TO BE 500V PER MIL.
 - PLATED THRU HOLES: ELECTROPLATED COPPER SHALL BE .001 AVERAGE WITH NO READING BELOW .0008. THICK ON THE CONDUCTOR WALLS OF THE PLATED THRU HOLES PER MIL-C-14550 FOLLOWED BY A SOLDER COAT.
 - COMPOSITE BOARD SHALL BE CONSTRUCTED TO WITHSTAND A DIP OR WAVE SOLDERING OPERATION AT A MAX TEMPERATURE OF 500 F FOR 7 SECONDS WITH NO EVIDENCE OF BLISTERING OR DELAMINATION.
 - BREAK ALL SHARP EDGES.
 - MINIMUM FABRICATION ALLOWANCE FOR ANNULAR RING USED IN THIS DESIGN, EXTERNAL LAYERS .001.
 - THE MAXIMUM ALLOWABLE BOW AND TWIST SHALL MEET CLASS 3 PER IPC-D-300G.
 - MEASLING AND CRAZING SHALL MEET CLASS 3 PER IPC-A-600E.
 - SILKSCREEN COMPONENT SIDE OF BOARD WITH WHITE, EPOXY INK, OR ENGINEERING EQUIVALENT. ANY ENCROACHING SILKSCREEN IS TO BE REMOVED FROM PAD AREAS.
 - ETCH BOARD USING 07-00919-000 REV A ARTWORK.
 - SMOBC, LIQUID PHOTO DEFINED IMAGE IPC-SM-840C OR EQUIVALENT SOLDERMASK. PLUG VIAS FROM SOLDER SIDE WITH LPI SOLDERMASK PER SUPPLIED VIA PLUG LAYER
 - PANELS SHALL BE SCORED TO SPECIFIED DIMENSIONS.
 - ALL SCORING SHALL EXTEND TO PANEL EDGES.
 - CTI (COMPARITIVE TRACKING INDEX) RATING SHALL BE NO LESS THAN 170.

.375	1	H	NO
.213	8	G	NO
.187	1	F	YES
.187	5	E	NO
.132	16	D	NO
.125	16	C	YES
.079	16	B	YES
.067	20	X	YES
.062	2	X	YES
.055	12	D	YES
.043	58	X	YES
.040	402	X	YES
.028	58	+	YES
SIZE	QTY	SYMBOL	PLATED
HOLE CHART UNLESS OTHERWISE SPECIFIED HOLE TOLERANCES TO BE +/- .003 ANY HOLES GREATER THAN .247 HOLE TOLERANCES TO BE +/- .005			


2	3 OZ.	YES
1	3 OZ.	YES
LAYER	WEIGHT	AFTER PLATING
COPPER WEIGHT CHART		



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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES
.X ±.1 ANGLES 90°
.XX ±.01 ±1°
.XXX ±.005 FRAC. ±1/16
MATERIAL:
FINISH:

DRAWN BY: J. WAHL DATE 09/27/01
CHECKED BY: DATE
APPROVED BY: DATE
ENGINEER: DATE
CAD FILE NAME: 0700919000A.DWG



Copley Controls Corp.
20 Dan Rd., Canton, MA 02021, USA

TITLE:
**ACCELUS DEVELOPMENT
KIT FAB DRAWING**

SIZE	DRAWING NO.	REV.
C	07-00919-000	A
SCALE 1/1	SHEET 1 OF 1	

