



SIZE	QTY	SYM	PLTD	TOL
25	93	+	YES	+/-0.0
72	2	X	NO	+/-0.0
94	6	□	YES	+/-0.0
10	34	◇	YES	+/-0.0

**NOTES : Unless Otherwise Specified**

1. MATERIAL : FR4 OR EQUIVALENT EPOXY, 2 OZ. COPPER CLAD THICKNESS .062 +/--.006 TOTAL OF 6 LAYERS
2. FINISH : ALL PLATED HOLES .001 MIN. / .0015 MAX. COPPER PLATE ELECTRODEPOSITED TIN-LEAD COMPOSITION  
BEFORE REFLOW, SOLDER MASK OVER BARE COPPER (SMOBC)
3. SOLDER MASK : BOTH SIDES USING RED LPI
4. SILKSCREEN : USING WHITE NON-CONDUCTIVE EPOXY INK
5. ALL DIMENSIONS ARE IN INCHES

	ART01 =	LAYER 1	(	COMPONENT SIDE )
ART02 =	LAYER 2	(	PRIMARY_SECONDARY GND )	
ART03 =	LAYER 3	(	SIGNAL_3,PRIGND,GND )	
ART04 =	LAYER 4	(	SIGNAL_4 + V01,PRIGND,GND )	
ART05 =	LAYER 5	(	PRIMARY_SECONDARY GND )	
ART06 =	LAYER 6	(	SOLDER SIDE )	

ART01 = LAYER 1 ( COMPONENT SIDE )

ART02 = LAYER 2 ( PRIMARY\_SECONDARY GND )

ART03 = LAYER 3 ( SIGNAL3,PRIGND,GND )

ART04 = LAYER 4 ( SIGNAL4,+V01,PRIGND,GND )

ART05 = LAYER 5 ( PRIMARY\_SECONDARY GND )

## Fabrication Drawing

1. MATERIAL : FR4 OR EQUIVALENT EPOXY, 2 OZ. COPPER CLAD THICKNESS .062 +/--.006 TOTAL OF 6 LAYERS
2. FINISH : ALL PLATED HOLES .001 MIN. / .0015 MAX. COPPER ELECTRODEPOSITED TIN-LEAD COMPOSITION BEFORE REFLOW , SOLDER MASK OVER BARE COPPER
3. SOLDER MASK : BOTH SIDES USING RED LPI
4. SILKSCREEN : USING WHITE NON-CONDUCTIVE EPOXY INK
5. ALL DIMENSIONS ARE IN INCHES

THICKNESS .062 +/- .006 TOTAL OF 6 LAYERS

2. FINISH : ALL PLATED HOLES .001 MIN. / .0015 MAX. COPPER PLATE  
ELECTRODEPOSITED TIN-LEAD COMPOSITION  
BEFORE REFLOW , SOLDER MASK OVER BARE COPPER (SOLDER MASK : BOTH SIDES USING RED LPI
3. SOLDER MASK : BOTH SIDES USING RED LPI
4. SILKSCREEN : USING WHITE NON-CONDUCTIVE EPOXY INK
5. ALL DIMENSIONS ARE IN INCHES

ELECTRODEPOSITED TIN-LEAD COMPOSITION

BEFORE REFLOW , SOLDER MASK OVER BARE COPPER (SMOBC)

3. SOLDER MASK : BOTH SIDES USING RED LPI
4. SILKSCREEN : USING WHITE NON-CONDUCTIVE EPOXY INK
5. ALL DIMENSIONS ARE IN INCHES

#### 4. SILKSCREEN : USING WHITE NON-CONDUCTIVE EPOXY INK

5. ALL DIMENSIONS ARE IN INCHES

<div style="display: flex; justify-content: space-between;"> <div> <h1 style="margin: 0;">APPROVALS</h1> </div> <div style="text-align: right;"> <p>1630 McCarthy Blvd. Milpitas, CA 95035 PH: (408)432-1900</p> </div> </div>		
<p><b>TITLE:</b>      <b>LT1952EGN, LTC1698EGN</b></p> <p style="text-align: center;"><b>48Vin to 5Vout • 20A Converter</b></p>		
<p><b>SIZE</b>    <b>A</b></p>		<p><b>DEMO CIRCUIT</b>      <b>759A</b></p>
<p><b>REV.</b></p>		<p><b>SHT 1 of 1</b></p>
<p><b>SCALE = NONE</b></p>		
<p><b>INIT</b>    <b>DATE</b></p>		
<p><b>DRAWN</b></p>		
<p><b>CHECK</b></p>		
<p><b>DESIGN</b></p>		
<p><b>KWL</b></p>		
<p><b>ENGR</b></p>		



1630 McCarthy Blvd.  
Milpitas, CA 95035  
PH: (408)432-1900

TITLE: LT1952EGN. LTC1698EGN

### 48Vin to 5Vout @ 20A Converter

SIZE	DEMO CIRCUIT	REV.
------	--------------	------

DES- 0000	SHT 1 of 1
-----------	------------