


This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf of a book. The paper has a slightly textured appearance with some minor discoloration and faint smudges, characteristic of old paper. The left edge of the page is bound, showing the stitching and the inner cover material. There is no text or other markings on the page.

THESE DRAWINGS CONTAIN INFORMATION WHICH IS PROPRIETARY TO THE GENERAL ELECTRIC COMPANY. IT IS NOT TO BE USED FOR PURPOSES OTHER THAN FOR WHICH IT WAS FURNISHED. THE DRAWINGS MAY NOT BE REPRODUCED WITHOUT THE WRITTEN AND IS RETURNABLE TO THE GENERAL ELECTRIC COMPANY AND ORAL.

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<p><b>GENERAL  ELECTRIC</b></p> <p><b>SEN THIRD-GEN FIL DEPT LYNN, MASS</b></p>			
<p><b>PERFORMANCE REQUIREMENTS</b> <b>ISOLATED E/I BD</b></p>			
<p>SIZE <b>A</b></p>	<p>T-SPN <b>01289</b></p>	<p><b>1306J96</b></p>	<p>REV <b>A</b></p>
<p><b>N</b></p>	<p><b>SH</b></p>		<p><b>OF 3</b></p>

# PERFORMANCE REQUIREMENTS

## ISOLATED E/I BD

ASSEMBLY 4145J42

SCHEMATIC 4145J44

1. CONNECT PER FIG. 1 S1, S2 OPEN, S3 TO COM
2. +E IN A(4)/0.00V, R17  $\textcircled{1} \rightarrow$  I OUT A(32) = 4.00  $\pm$ .01MA
3. +E IN A(4)/+10.00V, R18  $\textcircled{2} \rightarrow$  I OUT A(32) = 20.00  $\pm$ .01MA  
TP5 = +9.4  $\pm$ .6V
4. S1 CLOSED, I OUT CHANGE LESS THAN .01MA
5. S3 TO -15V, I OUT CHANGE LESS THAN .01MA
6. REPEAT 1 THROUGH 5 FOR B SECTION
7. SCOPE ON SYNC OUT (8). SHOULD SHOW 100  $\pm$  20 KHZ WITH AMPLITUDE  
.20  $\pm$  3V P-P *5.0V P-P*
8. REMOVE +26V FROM PIN 11, S3 TO -15V  
REMOVE LEADS FROM 32 AND 40
9. PUT VOLTMETER TP6 TO COM AND APPLY +15V TO +I OUT A(32) FOR A  
FEW SECONDS ONLY. TP6 = +7.5  $\pm$  1V
10. REPEAT 8 FOR B SECTION USING +I OUT B(40) AND TP4

## PERFORMANCE REQUIREMENTS ISOLATED E/I BD

SIGNATURES		DAY	MO	YR
DRAWN	<i>Ken G. Hines</i>	25	03	82
ISSUED	<i>Robert J. Hines</i>	31	03	82

SIZE  
A  
N

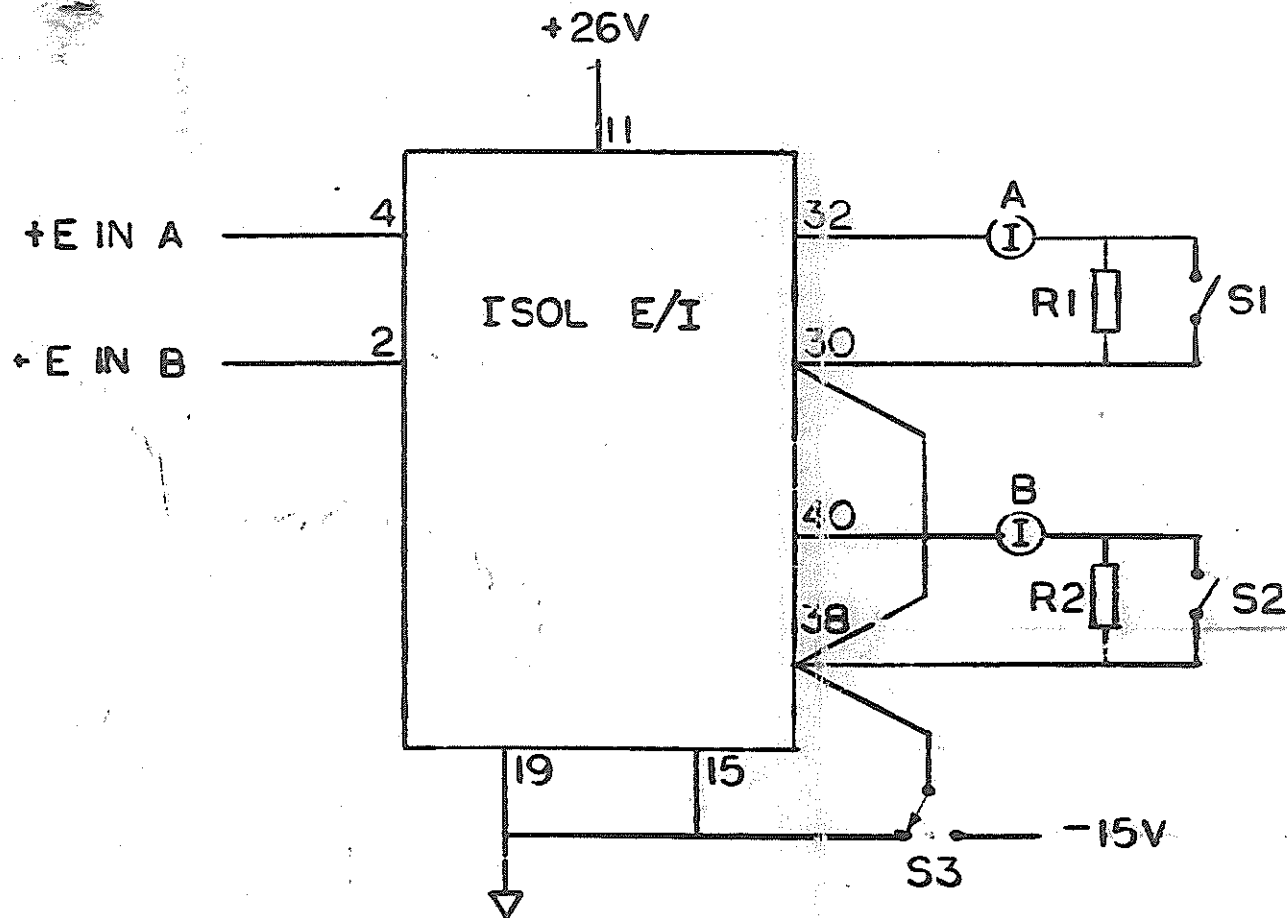
FSCM

01289

REV  
1

SH 2

FIG 1



R1 R2 470Ω 5%

PERFORMANCE REQUIREMENTS  
ISOLATED E/I BD

SIGNATURES			DAY	MO	YR
DRAWN	<i>P. J. [illegible]</i>		25	03	82
ISSUED	<i>[illegible]</i>		31	3	82

SIZE	FSCM
A	01289
N	

1306J96

SH 3