

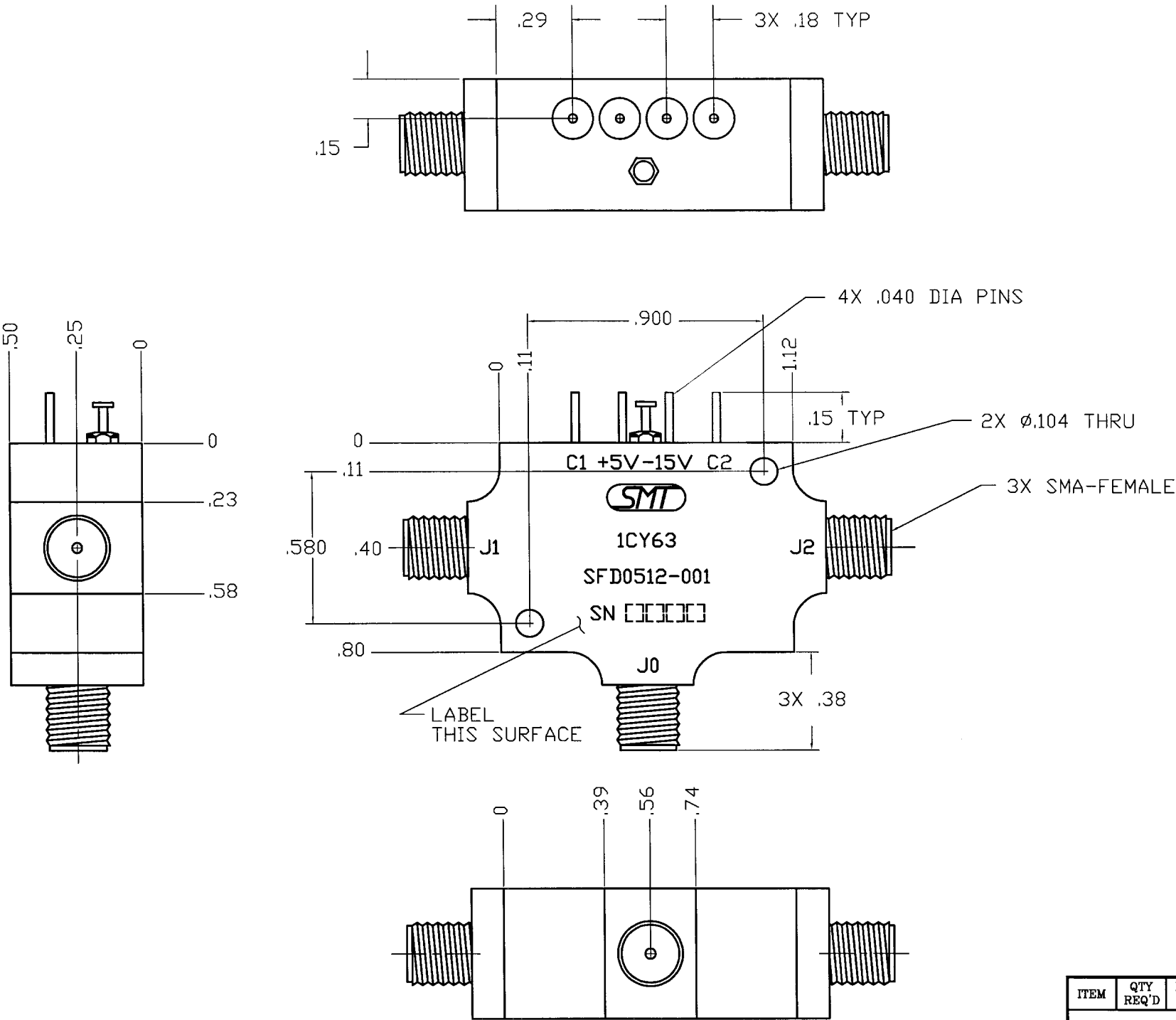
COMPUTER GENERATED DRAWING
MANUAL CHANGES NOT AUTHORIZED

REVISIONS

| REV. | DESCRIPTION | DATE | RELEASED BY |
|------|-------------------------|---------|-------------|
| NC | INITIAL RELEASE | 6-03-96 | BM |
| A | REV PER ECN: 6822, 9830 | 6-14-05 | R.TJ. |

SPECIFICATIONS:

| | | |
|------------------------|--------------------------|------------|
| FREQUENCY RANGE: | 0.5-12.0 GHz | |
| VSWR: | 0.5-4.0 GHz | 1.5:1 MAX |
| | 4.0-8.0 GHz | 1.6:1 MAX |
| | 8.0-12.0 GHz | 1.8:1 MAX |
| INSERTION LOSS: | 0.5-4.0 GHz | 1.3 dB MAX |
| | 4.0-8.0 GHz | 1.6 dB MAX |
| | 8.0-12.0 GHz | 1.8 dB MAX |
| ISOLATION: | 0.5-8.0 GHz | 65 dB MIN |
| | 8.0-12.0 GHz | 60 dB MIN |
| OPERATING TEMP: | -55° TO +100° C | |
| STORAGE TEMP: | -65° TO +125° C | |
| SWITCHING SPEED: | 25 n SEC MAX | |
| (50% TTL to 10/90% RF) | | |
| DC POWER: | +5V @ 75 mA MAX | |
| | -15V @ 50 mA MAX | |
| CONTROL: | TTL LOW - INSERTION LOSS | |
| | TTL HIGH - ISOLATION | |



| ITEM | QTY REQ'D | FSCM NO. | PART OR IDENTIFICATION NO. | NOMENCLATURE OR DESCRIPTION | MATERIAL SPECIFICATION |
|--|--------------|-------------|---------------------------------|--------------------------------|---------------------------|
| PARTS LIST | | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX± .02 ± ± .XXX± .010 | | | CONTRACT NO. | | |
| MATERIAL: | | | APPROVALS | | |
| FINISH: | | | DATE | | |
| LIST OF MAT'L | | | DRAWN: D STALEY | | |
| USED ON | | | CHECKED: | | |
| APPLICATION | | | DESIGN ENG. B MESKOOB | | |
| DO NOT SCALE DRAWING | | | 6-03-96 | | |
| | | | MAT. & PROCESSES | | |
| | | | Q.A. | | |
| | | | TITLE: | | |
| | | | SMT SIERRA MICROWAVE TECHNOLOGY | | |
| | | | OUTLINE FOR SFD0512-001 | | |
| | | | SIZE | FSCM NO. | DWG NO. |
| | | | B | 1CY63 | 605-0350-001 |
| | | | BRDR | | |
| | | | SCALE | | |
| | | | SHEET | OF | |