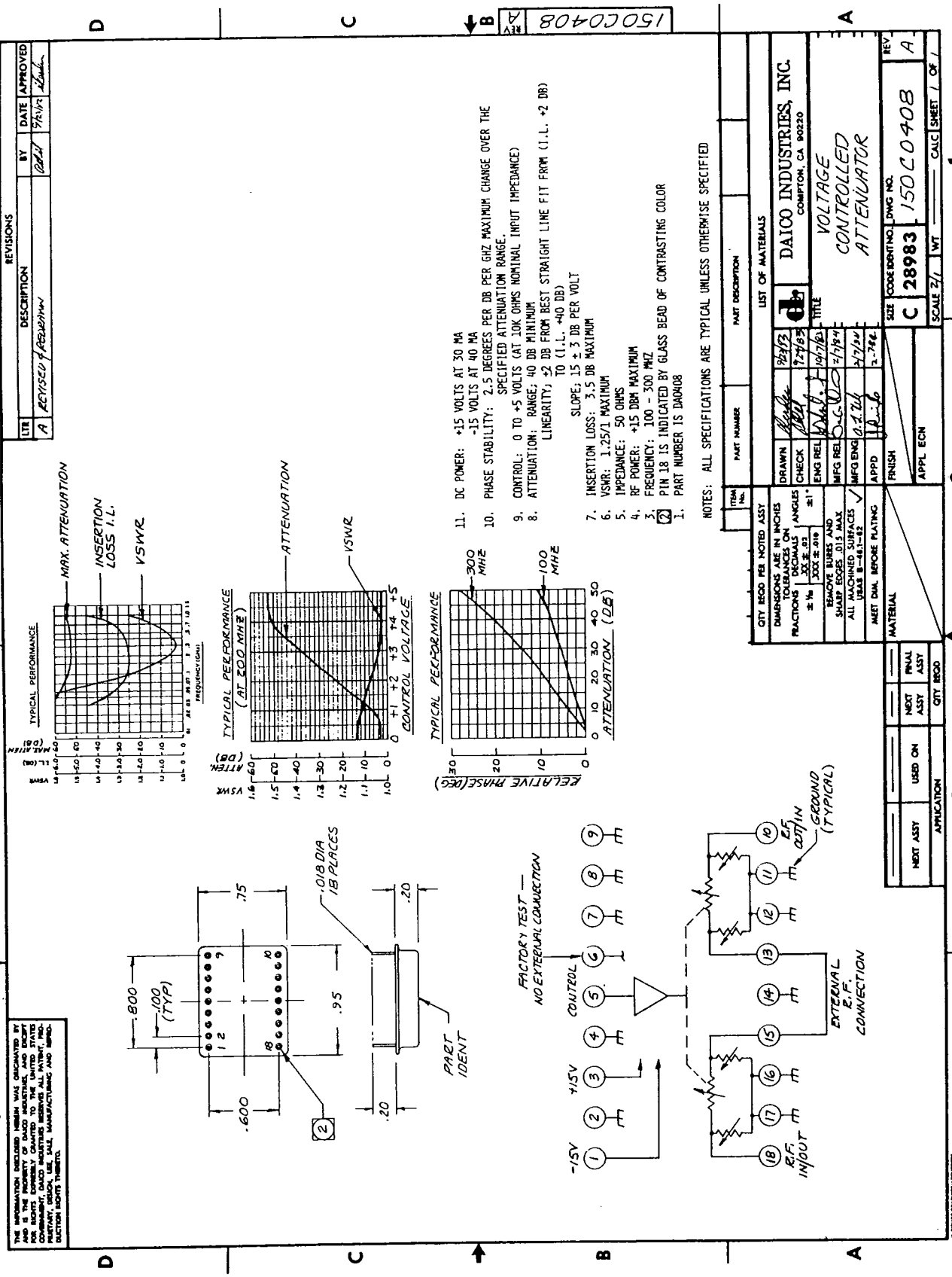
150C0408
REVISIONS
LTR DESCRIPTION BY DATE APPROVED
A REVISED PERFORMANCE
NOTES: ALL SPECIFICATIONS ARE TYPICAL UNLESS OTHERWISE SPECIFIED
1. PART NUMBER IS DA0408
2. PIN 18 IS INDICATED BY GLASS BEAD OF CONTRASTING COLOR
3.
4. RF POWER: +15 DBM MAXIMUM
5. IMPEDANCE: 50 OHMS
6. VSWR: 1.25/1 MAXIMUM
7. INSERTION LOSS: 3.5 DB MAXIMUM
SLOPE; 15 ± 3 DB PER VOLT
8. ATTENUATION: RANGE; 40 DB MINIMUM
LINEARITY; ±2 DB FROM BEST STRAIGHT LINE FIT FROM (I.L. +2 DB)
TO (I.L. +40 DB)
9. CONTROL: 0 TO +5 VOLTS (AT 10K OHMS NOMINAL INPUT IMPEDANCE)
10. PHASE STABILITY: 2.5 DEGREES PER DB PER GHZ MAXIMUM CHANGE OVER THE
SPECIFIED ATTENUATION RANGE.
11. DC POWER: +15 VOLTS AT 30 MA
-15 VOLTS AT 40 MA
QTY REQD PER NOTED ASSY
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± 1/16
DECIMALS
.XX ± .03
.XXX ± .010
ANGLES ±1°
REMOVE BURRS AND
SHARP EDGES .015 MAX
ALL MACHINED SURFACES
VBAS 8-46.1-82
MEET DML BEFORE PLATING
MATERIAL
FINISH
APPL ECN
LIST OF MATERIALS
ITEM No. PART NUMBER PART DESCRIPTION
DRAWN 3/23/83
CHECK 3/28/83
ENG REL 4/7/83
MFG REL 4/7/83
MFG ENG 4/7/83
APPD 3-7-84
DAICO INDUSTRIES, INC.
COMPTON, CA 90220
TITLE
VOLTAGE CONTROLLED ATTENUATOR
SIZE C
CODE IDENT NO. 28983
DWG NO. 150C0408
REV A
SCALE 2/1
WT
CALC
SHEET 1 OF 1
NEXT ASSY
USED ON
APPLICATION
NEXT ASSY
QTY REQD
FINAL ASSY
TYPICAL PERFORMANCE
MAX. ATTENUATION
INSERTION LOSS I.L.
VSWR
FREQUENCY (GHz)
TYPICAL PERFORMANCE (AT 200 MHZ)
ATTENUATION
VSWR
CONTROL VOLTAGE
TYPICAL PERFORMANCE
300 MHZ
100 MHZ
RELATIVE PHASE (DEG)
ATTENUATION (DB)
.800
.100 (TYP)
.600
.75
.95
.018 DIA 18 PLACES
.20
.20
PART IDENT
FACTORY TEST — NO EXTERNAL CONNECTION
+15V
-15V
CONTROL
R.F. IN/OUT
R.F. OUTPUT
GROUND (TYPICAL)
EXTERNAL R.F. CONNECTION
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