

STANDARD ENGINEERING NOTICE

TEST

Ref. Dwg. 40A100495

CAT 6A547 G7 W 120 V 24
 REQD 184-101082 SO
 ORDER 500 SAMPLES PROP
 CUST Cerlist Eng. Div., Waukesha Motor
 Clinton, Iowa
 Cust Dwg D-25-23404
 DEVICE GLOW PLUG
 DIA ~~1.220~~/.192 MAT Haynes 25
 DWG 40A111170 G1 CL 3.77
 WSI 165
 DATE 9-28-67 ISSUED BY R.D. Baxter/e

Void-Dead File

(Notes: 6)

Amps	High	Design	Low	VOLTS Range
	5.15	4.81	4.46	25.0
				24.0
				22.1
R ₁₀	High	Design	Low	9.00
				8.65
				8.31

ENGINEERING INFORMATION

EL 47 turns
 SW 4 turns
 AW 3 turns
 Rin Tube f 1.31
 EL 1.156
 Wire WSI 230
 L .470
 Ls .882
 R_A 3.83
 R1/Rh
 Ts 2100 F

BE: (Notes: 1) 31
 3
 LEAD TIME 40 MAT'L 11 O. D. W. T. 1 ROLL GRV EEEE LENGTH INCHES 001 QTY. PER DEVICE M SOURCE
 LEAD TIME 1122209 MATERIAL CODE 001000 QTY. PER DEVICE S SOURCE

COIL: (Notes:) 22
 1
 P3
 LEAD TIME 30 U/M 12 MAT'L 30 MAT'L DIA. 18 TP 00100 MULT. COIL 'L' Lgth 054 QTY. PER DEVICE M SOURCE
 LEAD TIME 12 U/M 3116335 MATERIAL CODE 000042 QTY. PER DEVICE S SOURCE

MINAL: (Notes:) 21
 2
 LEAD TIME 113 TERM DWG. 040 DIM. INCHES 001 QTY. PER DEVICE S SOURCE
 LEAD TIME Same MATERIAL CODE QTY. PER DEVICE SOURCE

STRAIGHT LENGTH ASSM: (Notes: 2,3,4,5) 41
 3
 P6
 TRIM 0 EEEE LENGTH 'A' EEE LENGTH D 4 STAMP 00 ANNEAL 1 SEAL 01 U/M LEAD TIME EXTRA CARD LEAD TIME
 MGO 12 165 WASHER 29 ASSM 37 RED METH 0000 MAX LEN INCHES 001 QTY. PER DEVICE M SOURCE

MGO MAT'L. CARD:

LEAD TIME 12 U/M 6211275 MATERIAL CODE 000236 QTY. PER DEVICE S SOURCE

Special Notes:

1. Tube per 40A106531 P4 (1 7/8 long)
2. 'A' length after loading to be 3 3/32 - 1/32
3. Each unit requires (1) compressed MgO sleeve 40A103440 P2
4. Use two fibre washers 161V385 P65 per heater. Swage first pass terminal and first for 3/8 - 1/8 before swaging in standard direction.
5. Coil length limits after welding terminal 27/32 - 61/64
6. Coil effective length limits on finished heater 1 3/32 - 1 7/32

Tolerances per Dwg. 888A598 unless otherwise specified.

AGL
