



16,  $\frac{d}{dt}$  GEL

$\frac{d}{dt}$  (1)  $\frac{d}{dt}$  (2)

$\frac{d}{dt}$  GEL,  $\frac{d}{dt}$  SA (

10 J). F 1( ) R . 28

(  $\frac{d}{dt}$  SA  $i_{in}$   $i_{excite}$   $i_{inhibit}$   $i_{bias}$  DC

SA . F 1( )  $\frac{d}{dt}$  GEL DC 15 A,

139  $\frac{d}{dt}$  (F HM) 25 ,  $\frac{d}{dt}$

I (  $\frac{d}{dt}$  GEL  $t_{response}$  70 )  $\frac{d}{dt}$

$\frac{d}{dt}$  F 2  $\frac{d}{dt}$  GEL.

F HM 25  $\frac{d}{dt}$  139 . O ( . ,  $\frac{d}{dt}$

SA )  $\frac{d}{dt}$  O  $\frac{d}{dt}$   $\frac{d}{dt}$  F 2( )-2( )  $\frac{d}{dt}$

$\frac{d}{dt}$  (C II). A  $\frac{d}{dt}$   $\frac{d}{dt}$  GEL  $\frac{d}{dt}$   $\frac{d}{dt}$

(C III),  $\frac{d}{dt}$  40 (C I ),  $\frac{d}{dt}$   $t_{response}$  . I ,

$\frac{d}{dt}$   $t_{response}$  (C ),  $\frac{d}{dt}$  80  $\frac{d}{dt}$  GEL

F 3( )  $\frac{d}{dt}$  GEL  $\frac{d}{dt}$

$\frac{d}{dt}$  . F 2( )-2( )  $\frac{d}{dt}$  SA  $\frac{d}{dt}$  ,  $\frac{d}{dt}$  4 ,

GEL  $\frac{d}{dt}$  (C I).  $\frac{d}{dt}$  ,  $\frac{d}{dt}$  F . 1( )  $\frac{d}{dt}$

400 ,  $\frac{d}{dt}$  (C II). A  $\frac{d}{dt}$   $\frac{d}{dt}$  GEL  $\frac{d}{dt}$   $\frac{d}{dt}$

(C III),  $\frac{d}{dt}$  ,  $\frac{d}{dt}$   $\frac{d}{dt}$

$\frac{d}{dt}$  40 (C I ),  $\frac{d}{dt}$   $t_{response}$  . I ,

$\frac{d}{dt}$   $t_{response}$  (C ),  $\frac{d}{dt}$  80  $\frac{d}{dt}$  GEL

F 3( )  $\frac{d}{dt}$  GEL  $\frac{d}{dt}$

157 (3 J) 386 (4 J) 561 ( $t_{\text{suppress}}$  5 J).  
 $t_{\text{suppress}}$ ,  
 70<sup>d</sup>, F .3(), d 3(),  
 $t_{\text{response}}$ ,  
 F .4(), GEL.  
 75- (EDF) (GSA), SA  
 (ISO) (PC) (A G1 A G2)  
 1480 A G2 (LD) 980 LD  
 EDF.  
 $i_{\text{bias}}$   
 A 1480/1550  
 (DM) 980/1550  
 DM EDF, 1560  
 20/80  
 (PD). F 4() GEL (61 A)  
 .H , 1480 LD 980  
 LD 15  $\mu$  5<sup>d</sup>, EDF  
 61 A. GEL  
 $t_{\text{response}} = 20 \mu\text{s}$   
 F 5  
 .H , A G2 GEL,  
 741 4.1.5 71 4.35 - 9

.H ,  $t_{\text{suppress}}$  A  
 d'  $t_{\text{suppress}}$  118 (15.5 A), 386 (15.0 A),  
 d 737 (14.5 A). F 3() d d  
 d GEL  
 F HM  
 d . A - d

