



: 5 / 6 % 0

129

8OWUDVRIW 5HFRYHU\ %ULGJH



/6% 3DFNDJH

3,11,1*

3,1	'(6&5,37,21
	,Q SXVÄ 3Ä Q
	,Q SXVÄ 3Ä Q
	2XWSXW \$ Q RGH
	2XWSXW &Ä WKRGH

) HDWXUHV

‡*ODV DVVLY &KLSG FWLRQ

‡5HYHURDWDJH9

‡)RUZDUGUHSW

‡+LJXU &XUUHQSD ELOLW\

‡'HVLJQRG XUIDRHS \$S SOLFDWLRQ

%HQHILWV

‡&DVH%

‡7HUPLGRG HGBH,0H7'

‡5HGXFHG (0, 5HGXFHG SRZHU

DQG VZLWFKLQJ WUDQVLYW

0D[LPXP DWLQGOHFWKBD OFWHULVWLFV

5DWLQVf &PEL MGHV SHUXDQXUMKHU\SLHFLILHG

6LQJOH SKDVH KQIHZD VMLQYXKFORVGHSDSDFLWEXH UGRDWH

3DUDPHWHU	6\PEROV	:5/6% 0	8QLWV
0D[LPXP 5HSHWLWLYH 3HDN 5950U	VH 9ROWDJH		9
0D[LPXP 506 YROWDJH	9506		9
0D[LPXP '& %ORFNLQJ 9ROWDJH &			9
\$YHUDJH 5HFWLILHG 2XWSXW &RUUHQW			\$
5HYHUVH 5HFRYHU\ 7LPH ,) \$,5 \$,55 \$	7UU		XV
3HDN)RUZDUG 6XUJH &XUUHQW +DOI 6LQH :DYH 6XSHULPSRV, HGO RQ 5DWHG /RDG -('(& 0HWKRG		PV 6LQJOH RQ 5DWHG	\$
, WUDWROXVVLQBV W PV	, W		\$ 6
0D[LPX)RUZDUG WDW H\$	9)		9
0D[LPXP '& 5HYHUVH &XUUHQW #7\$ DW 5DWHG '& %ORFNLQJ 9ROWDJH #7\$	f & f &		\$
7\SLFDO -XQFWLRQ &RDSDFLWD &MH			S)
2SHUDWLQJ DQG 6WRUDJH 7HPSW WDWXUH 5DQJH a			f &
7\SLFDO WKHUPDO UHVLVWDQJ 5WK 1\$ 5WK 1\$			f & :
1RWH0HDVX D MCG+] DQG DSSOLLHGHYURDWRD JH& 0RXQWHG RQ JODVV HSR\ 3& ERDUG ZLWFRSSHU SDG			

: 5 / 6 % 05HY

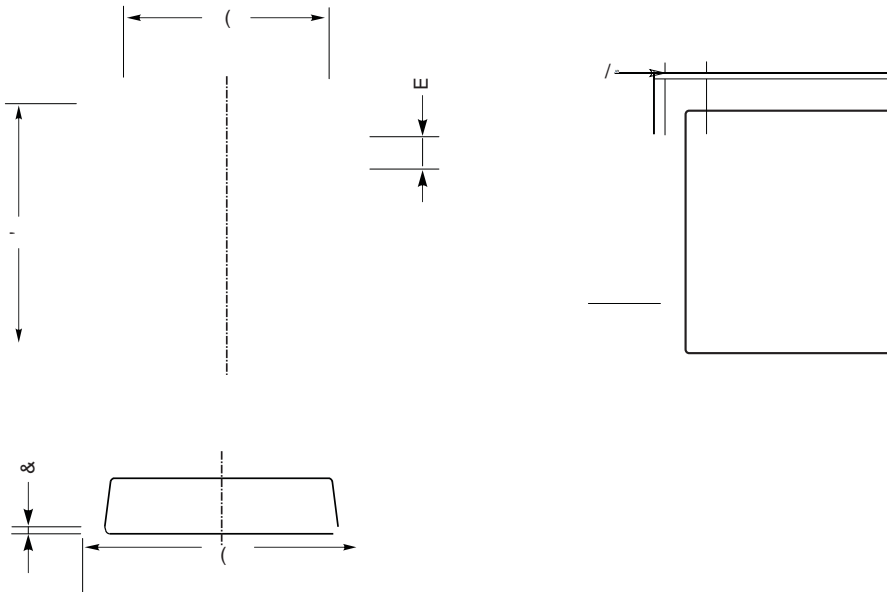
:RUOG ,QWH&JLQDMLRQDHOG

RATINGS AND CHARACTERISTICS CURVES 7\$ ° & XQOHVV RWKHUZZLVH QRWHG

7 F & DVH 7&HPS

Current Derating, Case

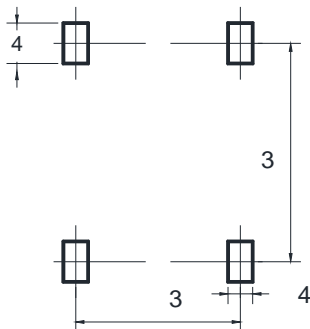
3 \$ & . \$ * (2 8 7 / , 1 (' , 0 (1 6 , 2 1 6



/ 6 % P H F K D Q G L F W D

8 1 , 7		\$	&	'	(&	/	H	E
PP	PD[
	PLQ								
PLO	PD[
	PLQ								

/ 6 % 6 X J J H V W H G 3 D G / D \ R X W

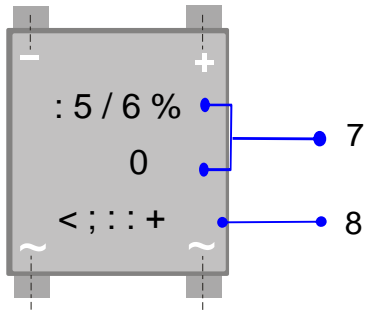


8 1 , 7		3	3	4	4
PP	PLQ				
PLO	PLQ				

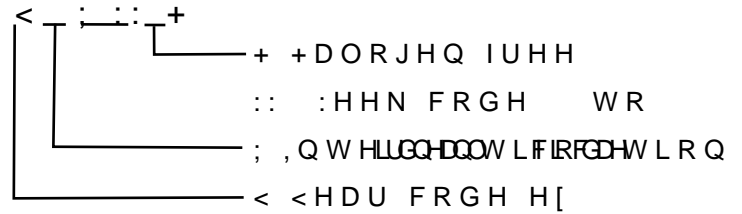
' L P H Q V I L R / Q R / L O O L P H W H U V



0DUNLQJ ,QIRUPDWLRQ

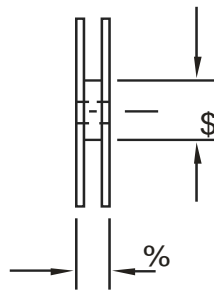
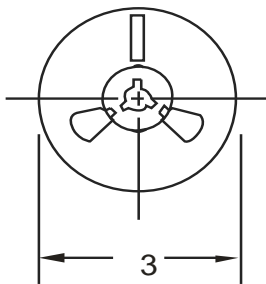


73URGXFW P5R 6% 00
83' & LQIRUPDWLRQ



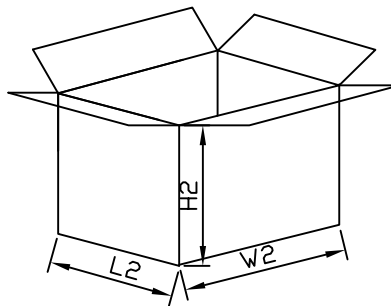
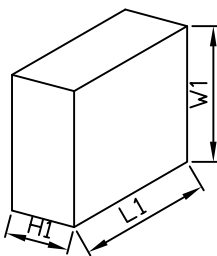
3DFNDJLQJ ,QIRUPDWLRQ

5HHO 'LPHQVLRQV



,QVLGH %R[

2XWVLGH %R[



3DFNDJLQJ ,QIRUPDWLRQ

12	81,	5HHO 'LPHQVLR			,QVLGH %R[2XWVLGH %R[
6L]H	PP	&	\$	%	/	:	+	/	:	+
47<	3&6	6PDOGHVFDJH3&6 UHHO			3&6 UHHO RWDO			3&6 FDUERPRQ RWDO		
1RWH		7ROHUDQFH PP" PP			PP" PP			PP" PP		