9 5 : .> / / x 9 ² … ˜ož Voltage Regulator in a SOT-89 Plastic Package.

€ l 9 ² … ˜ k ÿ ß v ä S ' Ä — ½ ‘ y ? è ’ ò k —)í D }ož
3-Terminal regulators ,output current up to 100 mA, internal thermal overload protection and short-circuit limiting, HF Product.

9 ² … ˜ož
Voltage Regulator.

Ã W] Ô · / € Đ Ô · "• "70 yRĐ q Ô (£0 0

‡

@ *f* Parameter	… Z Symbol	*f* › Rating	% y Unit
Input voltage	V_I	30	V
Output current	I_O	100	mA
Operating Temperature Range	T_{OPR}	-40 125	
Power Dissipation	P_D	500	mW
Storage temperature range	T_{stg}	-55 150	
Thermal resistance junction-ambient	R		

Ô ? d • Ž ¢ w [(D)-

Ø ¤ =) ¢ / Package Dimensions

, M y ƒ / Marking Instructions

HL05 ⁑

ª ¢ y

H y ¸ [W A

L05 y º Z W A

y ÿ D Z W A k š ÿ D Z J

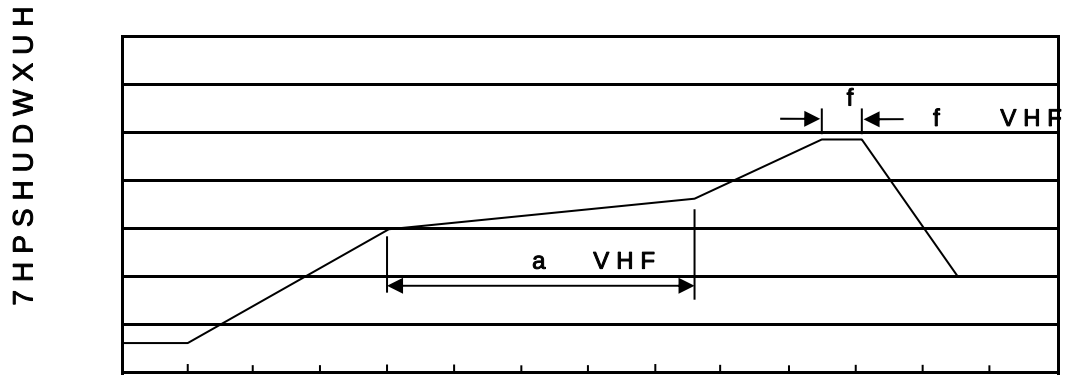
Note:

H: Company Code

L05: Product Type Code

**: Lot No. Code, code change with Lot No.

š WD t … • Ž ¢ (x /) / : K S V K X G Z [X K 6 X U L O R K L U X / 8 8 K L R U] 9 U R J K X O T M 6



7 L P H V H F

ª ¢ y

Note:

1o• Ä ½ “ † 150 ½180 - k ž • 60 ½90sec;

1.Preheating:150~180 - , Time:60~90sec.

2o• Q › “ † 245 r5 - k ž • 4 Ò 5 r0.5sec;

2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.

3o•D N ò i Ò 0 , † 2 ½10 - /sec.

3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ¯ »] / Resistance to Soldering Heat Test Conditions

“ † y 260 r5 - ž • y 10 r1 sec. Temp.:260±5 Time:10±1 sec

G P á / Packaging SPEC.

2 & x / REEL

Package Type 7>û ˜ E	Units ;>û ¦H					Dimension ;>û p . (unit Æmm³)		
	Units/Reel / --	Reels/Inner Box -- /-	Units/Inner Box /-	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Reel	Inner Box×	Outer Box1ç
SOT-89	1,000	7	7,000	6	42,000	7 s ×12	180×120×180	390×385×205

„ Ð y ƒ / Notices