

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

€ | 9 ² ... ~ k ý 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 .

\*  
\*

| @ $f$<br>Parameter                  | ... Z<br>Symbol | $f >$<br>Rating | % y<br>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 f / Marking Instructions

HL05 \*

<sup>a</sup> ¢ y

H y , [ W A

L05 y ° Z W A

y ¨ D Z W A k š ¨ D Z J

Note:

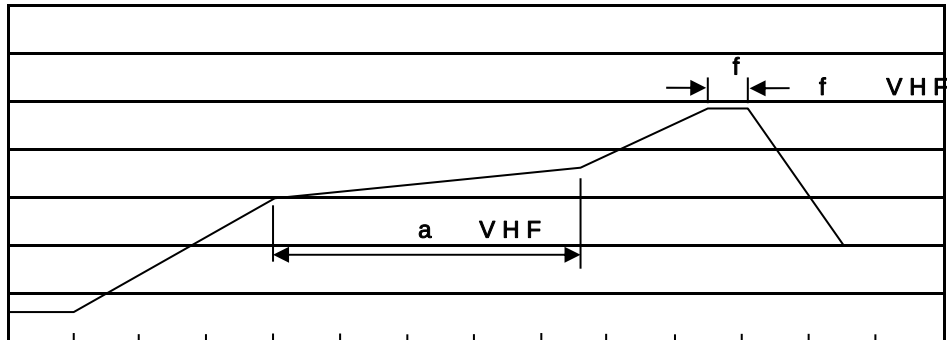
H: Company Code

L05: Product Type Code

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

ŠWD t... •Žč (x/ ) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

7HPSHUDWUXUH



7LPH VHF

a č y

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

20• Q > “† 245 r5 - k ž • 4 Ò 5 r0.5sec;

30•D N ò i Ò 0 ,† 2 ½10 - /sec.

Note:

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

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

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<br>7>û ~ E | Units ;>û H        |                          |                       |                                |                        | Dimension ;>û p . (unit /mm³) |             |             |
|-------------------------|--------------------|--------------------------|-----------------------|--------------------------------|------------------------|-------------------------------|-------------|-------------|
|                         | Units/Reel<br>/ -- | Reels/Inner Box<br>-- /- | Units/Inner Box<br>/- | Inner Boxes/Outer Box<br>- /1ç | Units/Outer Box<br>/1ç | Reel                          | Inner Box   | Outer Boxç  |
| SOT-89                  | 1,000              | 7                        | 7,000                 | 6                              | 42,000                 | 7 s ×12                       | 180×120×180 | 390×385×205 |

„Đ y f / Notices