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 · / € Ð Ô · 7.2<D .0a832 TD .0Equli( )torvalto 1

‡

| @ *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 JA (-55)T .02.D .0-6.9580004 0 T8 0 0 10.5 64.32 650.<br>Symbol | | |

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

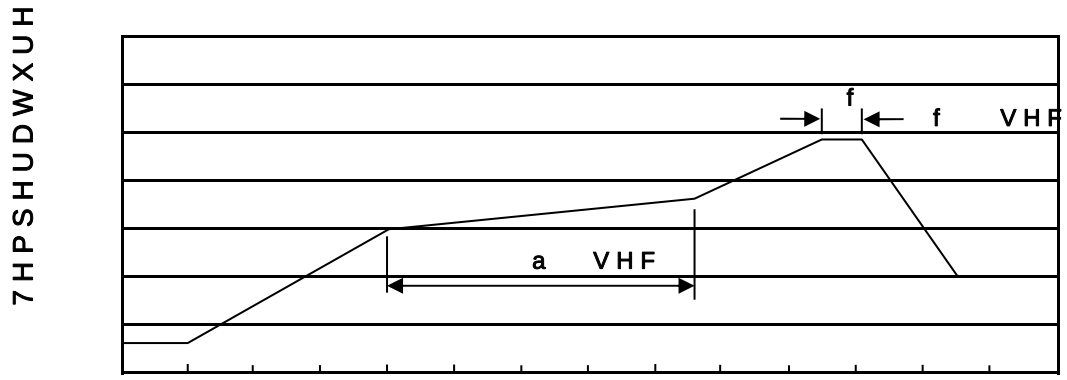
Note:

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