



TSGF SERIES

TSGF08

TSGF08 - 4th TO 8th ORDER ANALOG FILTER

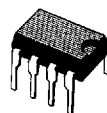
The TSGF08 array provides users with filter integration from 4th to 8th order. 2 package versions are offered to users :

- 8 pin DIL, where only the filter unit is accessible,
- 16 pin DIL, where 2 uncommitted Op-amps are added to previous version.

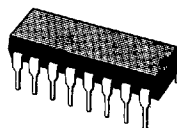
TSGF08 are also available in SO wide package version (0.3 inch) : 16 pin version only.

TSGF08 BLOCK DIAGRAM

See figure 4 (E88TSGFSERIES-05)

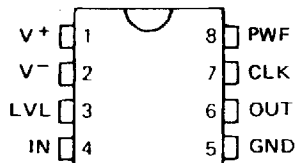


P
DIP-8
(Plastic Package)



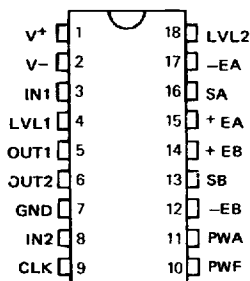
P
DIP-16
(Plastic Package)

PIN CONNECTIONS



E88TSGF08-01

8 pins : FILTER ONLY
Compatible with TSGF04



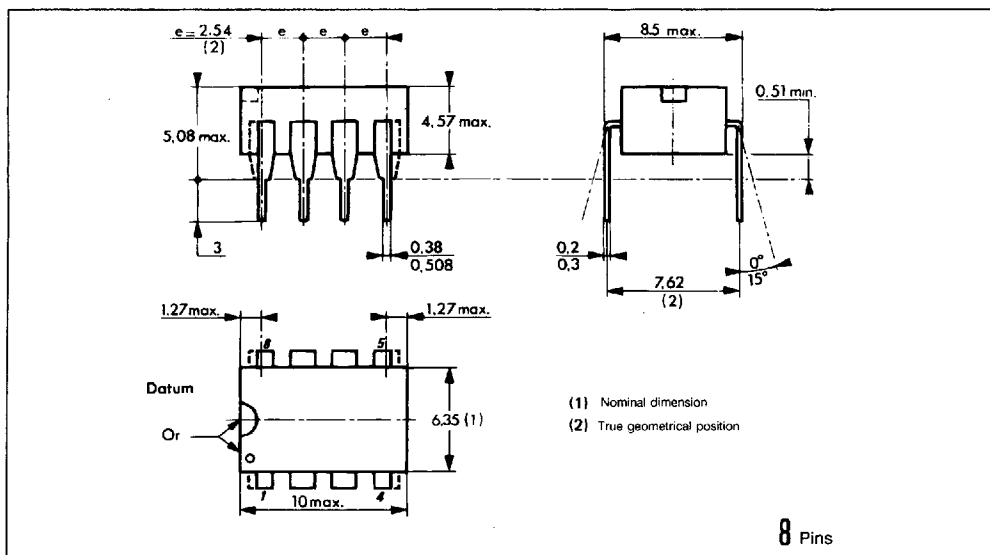
E88TSGF08-02

16 pins : Filter
: + 2 Op - Amp
Compatible with TSGF12 (with a single filter)

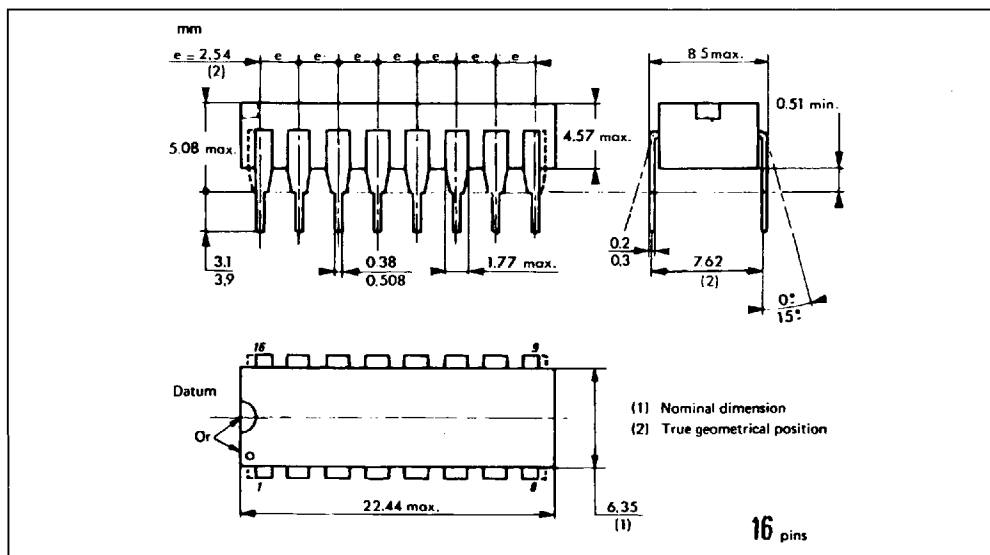
PACKAGE MECHANICAL DATA

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8 PINS - PLASTIC DIP



16 PINS - PLASTIC DIP

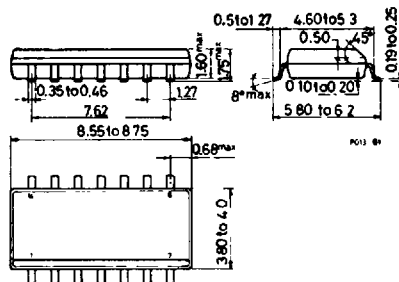
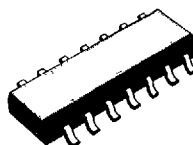
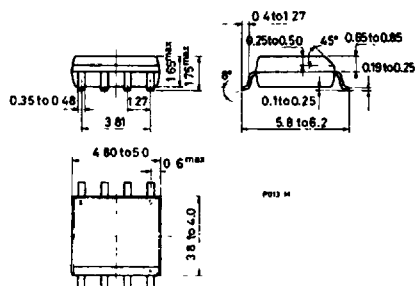
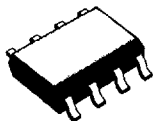
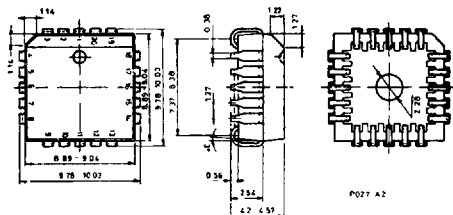
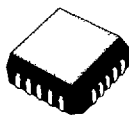
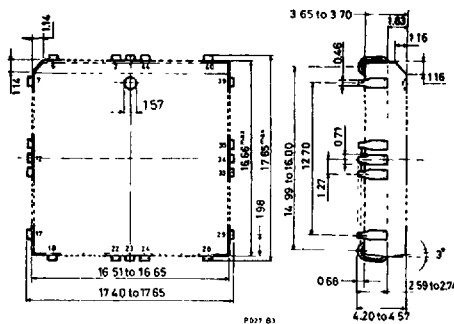
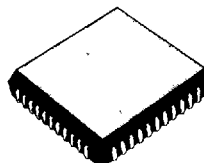


SO-8J

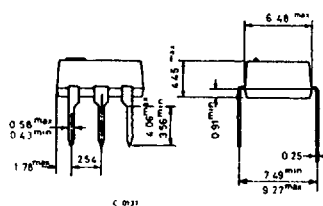
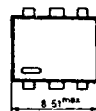
SO-14J

T-90-20

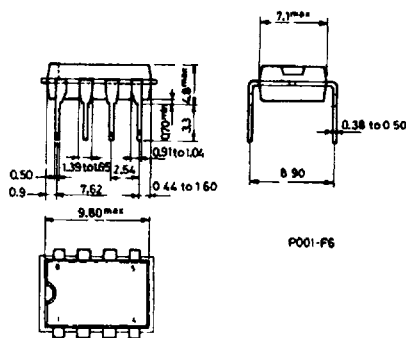
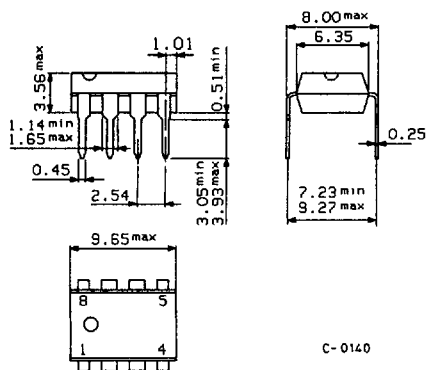
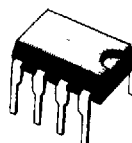
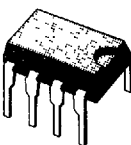
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**PLCC20****PLCC44**

DIP-6

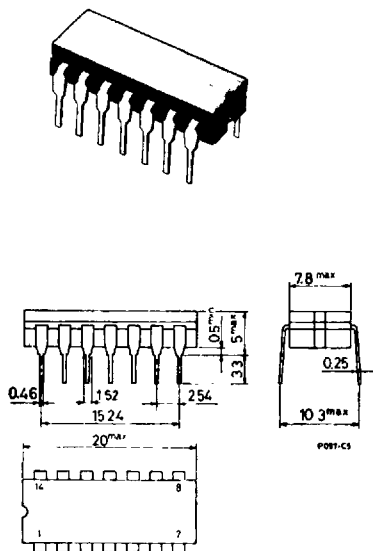


8 lead Plastic Minidip

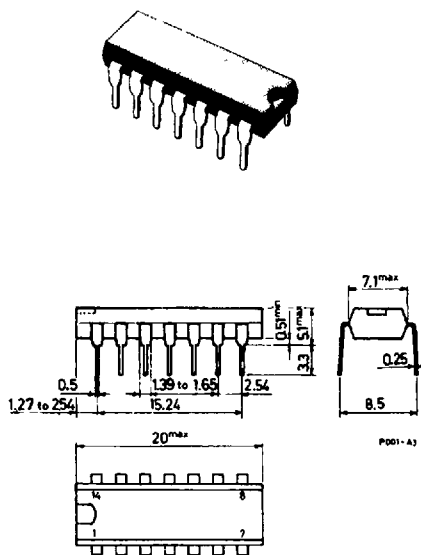


S G S-THOMSON

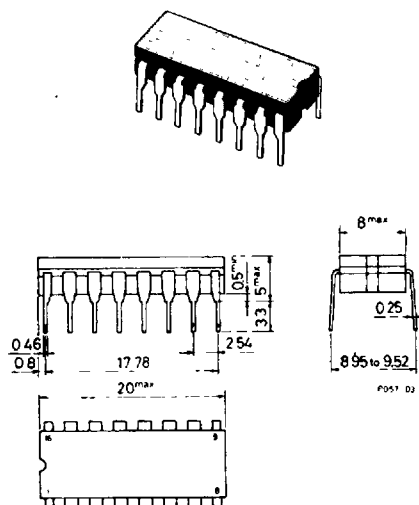
14 lead Ceramic Dip



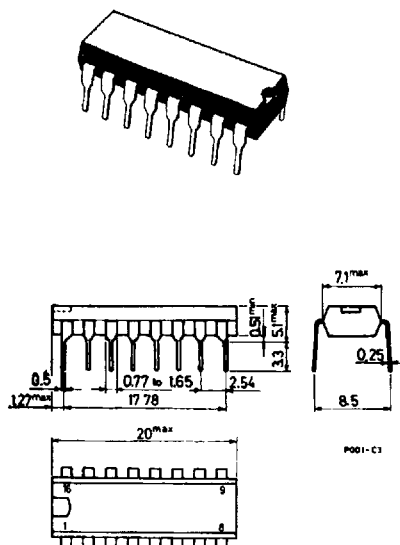
14 lead Plastic Dip



16 lead Ceramic Dip



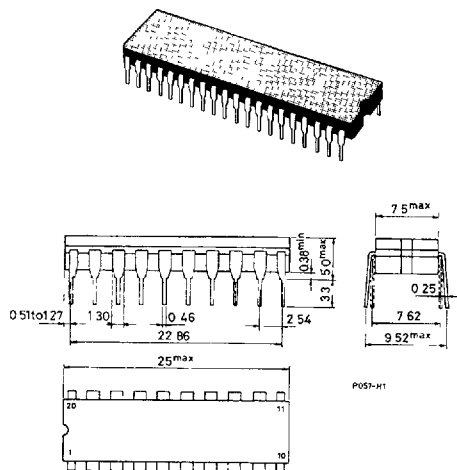
16 lead Plastic Dip (0.25)



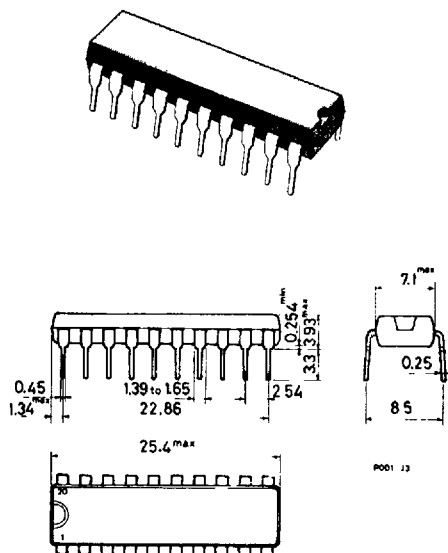
PACKAGES

S G S-THOMSON

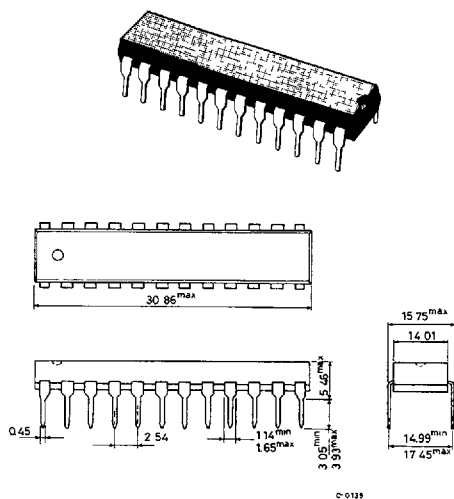
DIP-20 Ceramic



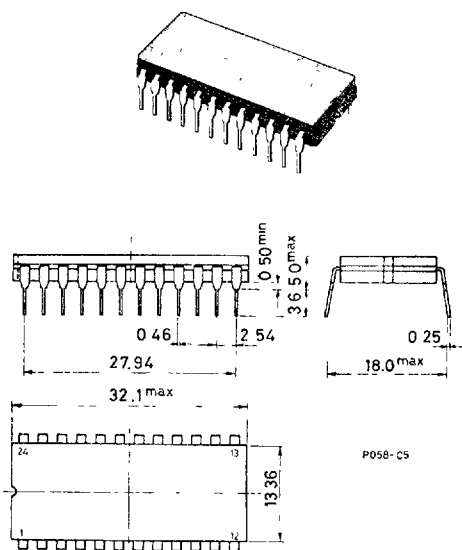
20 lead Plastic Dip (0.25)



DIP-24 Plastic

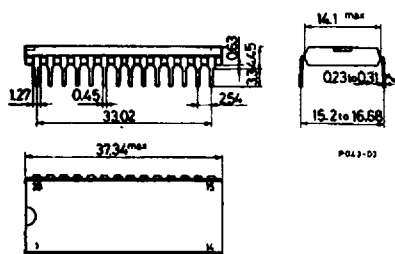
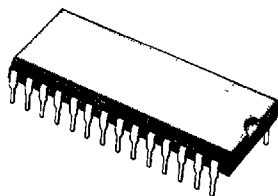


DIP-24 Ceramic (0.25)

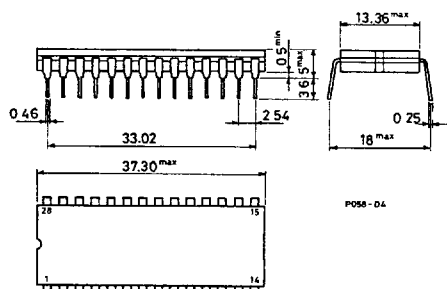
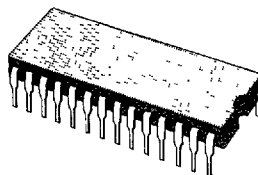


S G S-THOMSON

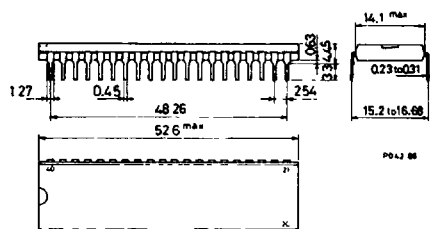
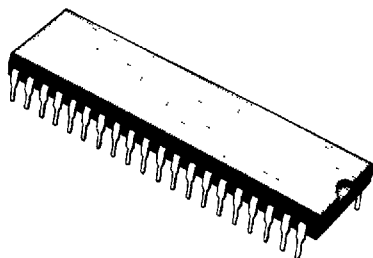
28 lead Plastic Dip



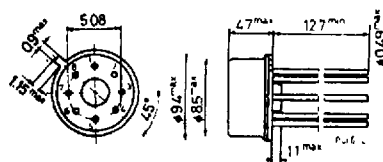
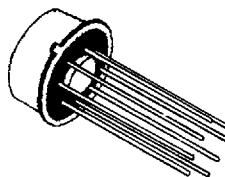
DIP-28 Ceramic (0.25)



40 lead Plastic Dip



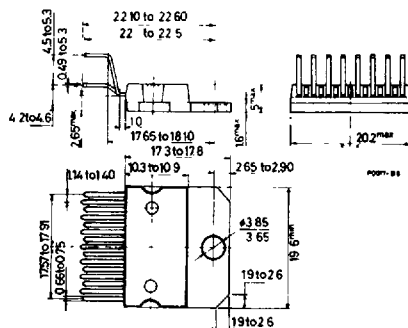
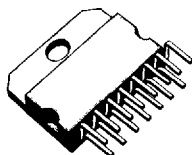
TO-99



PACKAGES

S G S-THOMSON

MULTIWATT-15



FLEXIWATT-15

