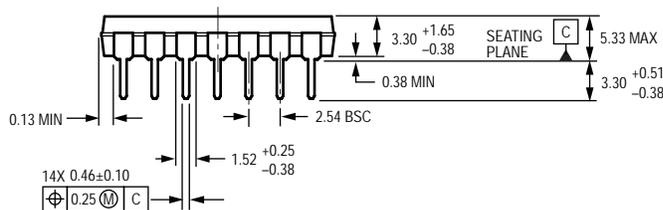
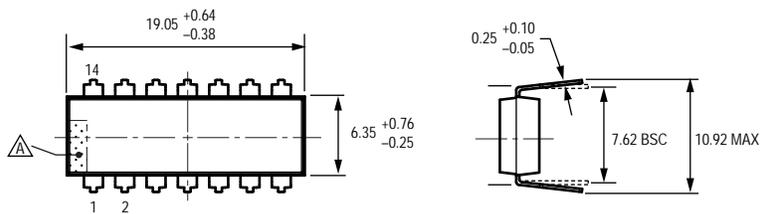
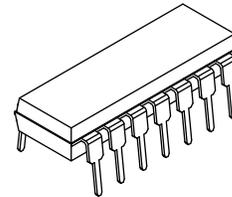


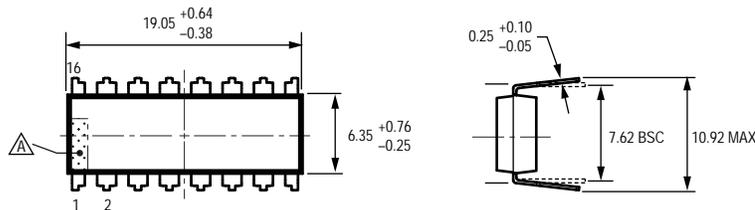
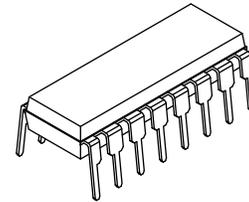
## Designator: A Type: 14-pin, 7.62 mm pin spread DIP



 Terminal #1 mark area

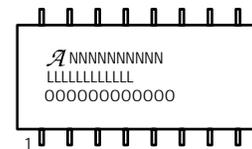
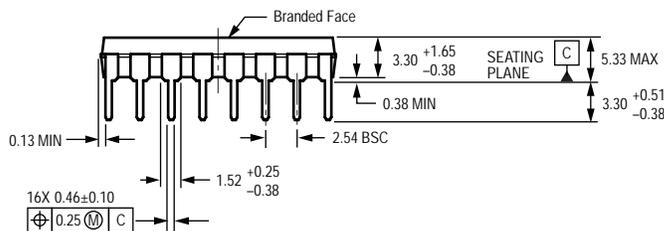
For Reference Only; not for tooling use (reference MS-001AA)  
Dimensions in millimeters  
Dimensions exclusive of mold flash, gate burrs, and dambar protrusions  
Exact case and lead configuration at supplier discretion within limits shown

## Designator: A Type: 16-pin, 7.62 mm pin spread DIP



Standard Branding Reference View 1

N = Device part number  
A = Supplier emblem  
Y = Last two digits of year of manufacture  
W = Week of manufacture  
L = Lot number



Standard Branding Reference View 2

N = Device part number  
A = Supplier emblem  
L = Lot number  
O = Country of Origin

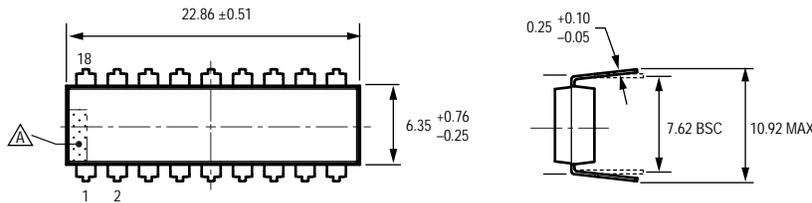
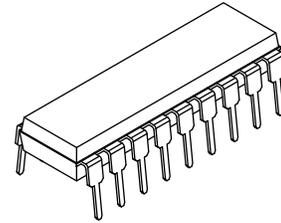
Terminal #1 mark area

Branding scale and appearance at supplier discretion

For Reference Only; not for tooling use (reference MS-001BB)  
Dimensions in millimeters  
Dimensions exclusive of mold flash, gate burrs, and dambar protrusions  
Exact case and lead configuration at supplier discretion within limits shown

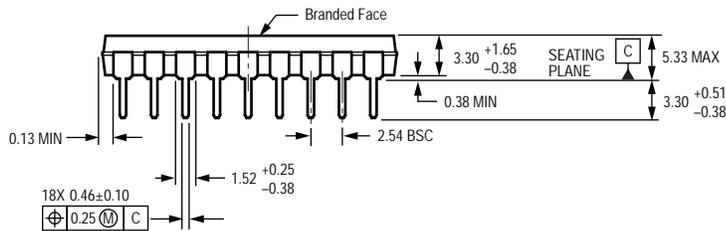
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## Designator: A Type: 18-pin, 7.62 mm pin spread DIP



 Standard Branding Reference View

N = Device part number  
 A = Supplier emblem  
 Y = Last two digits of year of manufacture  
 W = Week of manufacture  
 L = Lot number



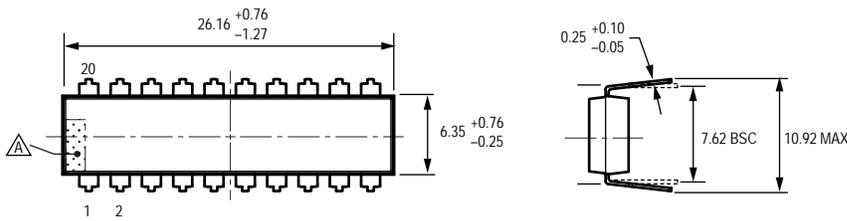
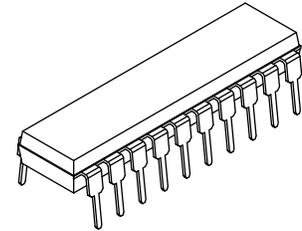
 Terminal #1 mark area

 Branding scale and appearance at supplier discretion

For Reference Only; not for tooling use (reference MS-001AC)  
 Dimensions in millimeters

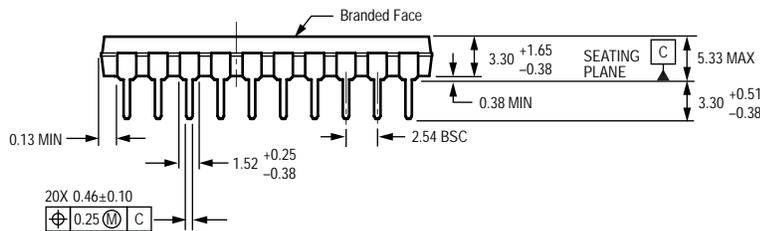
Dimensions exclusive of mold flash, gate burrs, and dambar protrusions  
 Exact case and lead configuration at supplier discretion within limits shown

## Designator: A Type: 20-pin, 7.62 mm pin spread DIP



 Standard Branding Reference View

N = Device part number  
 A = Supplier emblem  
 Y = Last two digits of year of manufacture  
 W = Week of manufacture  
 L = Lot number



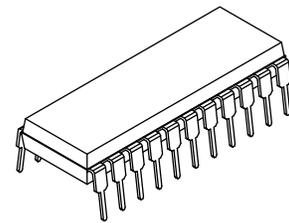
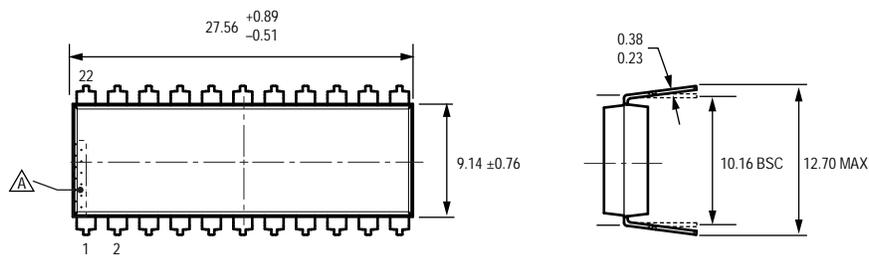
 Terminal #1 mark area

 Branding scale and appearance at supplier discretion

For Reference Only; not for tooling use (reference MS-001AD)  
 Dimensions in millimeters  
 Dimensions exclusive of mold flash, gate burrs, and dambar protrusions  
 Exact case and lead configuration at supplier discretion within limits shown

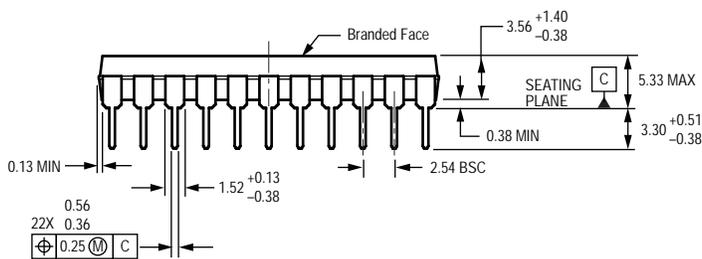
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## Designator: A Type: 22-pin, 10.16 mm pin spread DIP



 Standard Branding Reference View

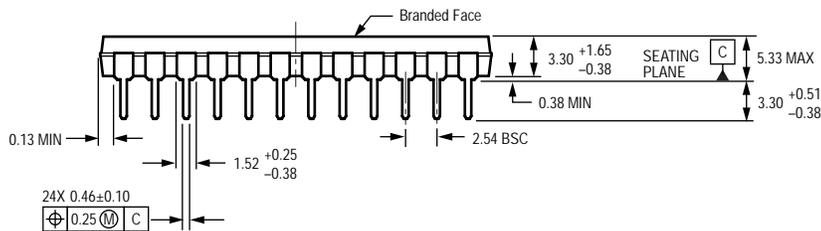
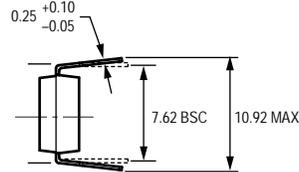
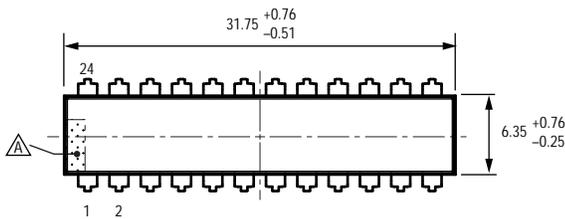
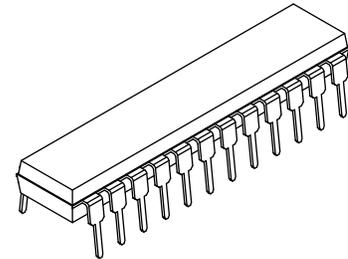
N = Device part number  
 A = Supplier emblem  
 Y = Last two digits of year of manufacture  
 W = Week of manufacture  
 L = Lot number



-  Terminal #1 mark area
-  Branding scale and appearance at supplier discretion

For Reference Only; not for tooling use (reference MS-010AA)  
 Dimensions in millimeters  
 Dimensions exclusive of mold flash, gate burrs, and dambar protrusions  
 Exact case and lead configuration at supplier discretion within limits shown

## Designator: A Type: 24-pin, 7.62 mm pin spread DIP



**Standard Branding Reference View**

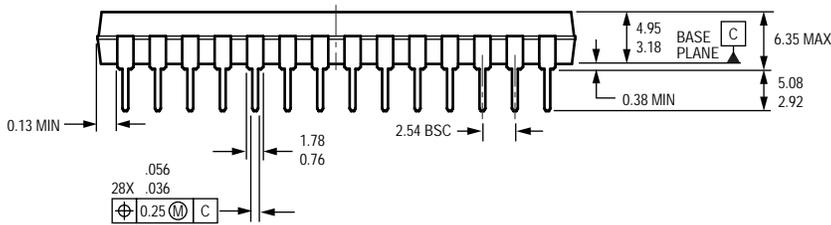
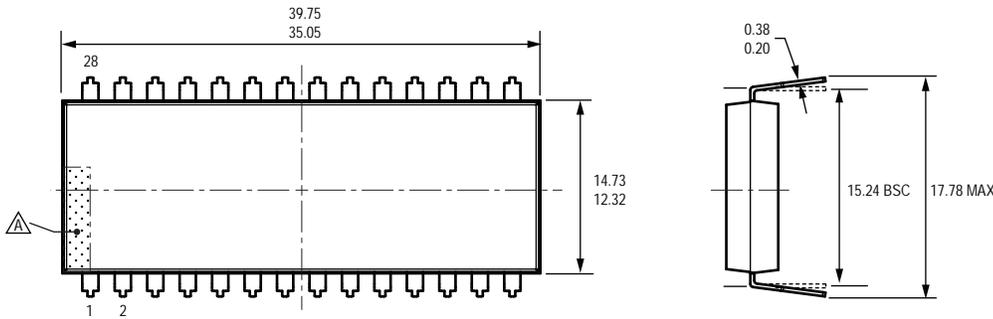
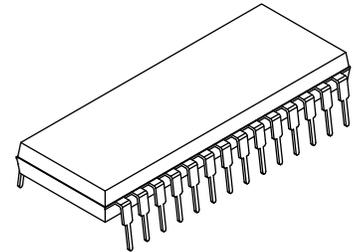
- N = Device part number
- A = Supplier emblem
- Y = Last two digits of year of manufacture
- W = Week of manufacture
- L = Lot number

-  Terminal #1 mark area
-  Branding scale and appearance at supplier discretion

For Reference Only; not for tooling use (reference MS-001AF)  
 Dimensions in millimeters  
 Dimensions exclusive of mold flash, gate burrs, and dambar protrusions  
 Exact case and lead configuration at supplier discretion within limits shown

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## Designator: A Type: 28-pin, 15.24 mm pin spread DIP

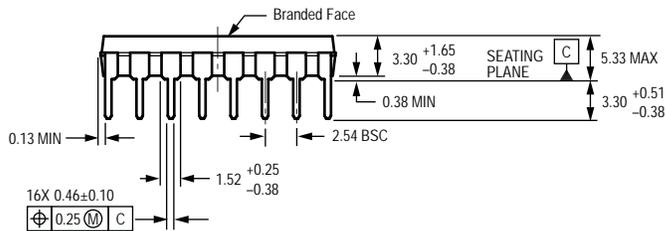
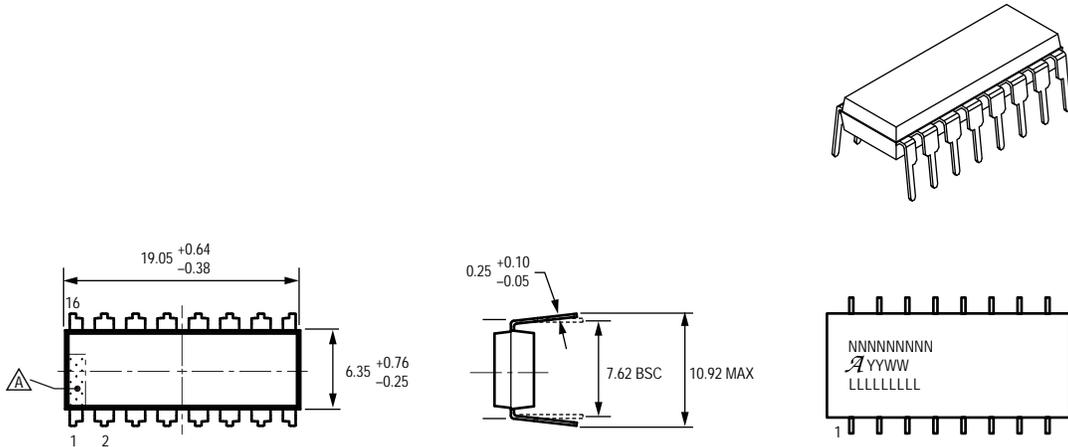


 Terminal #1 mark area

For Reference Only; not for tooling use (reference MS-011AB)  
Dimensions in millimeters  
Dimensions exclusive of mold flash, gate burrs, and dambar protrusions  
Exact case and lead configuration at supplier discretion within limits shown

*Designator: B*

Type: 16-pin, 7.62 mm pin spread DIP with internally fused pins for thermal dissipation



 Standard Branding Reference View

N = Device part number  
 A = Supplier emblem  
 Y = Last two digits of year of manufacture  
 W = Week of manufacture  
 L = Lot number

 Terminal #1 mark area

 Branding scale and appearance at supplier discretion

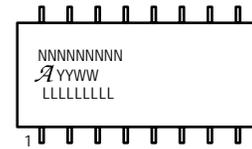
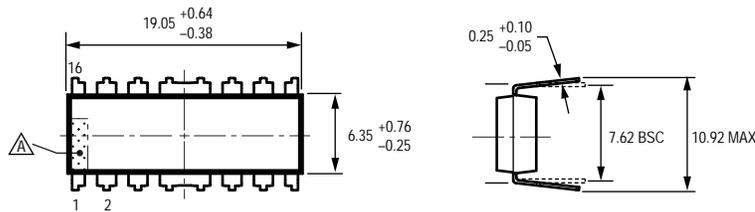
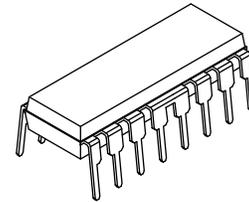
For Reference Only; not for tooling use (reference MS-001BB)  
 Dimensions in millimeters  
 Dimensions exclusive of mold flash, gate burrs, and dambar protrusions  
 Exact case and lead configuration at supplier discretion within limits shown

Internal configuration of fused pins is device-dependent

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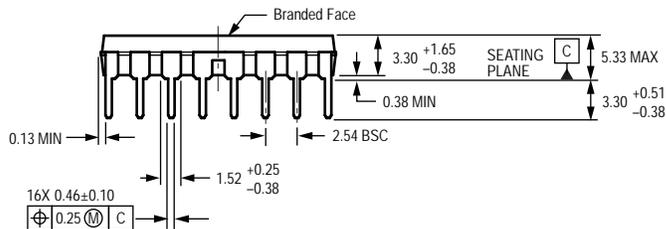
## Designator: B

Type: 16-pin, 7.62 mm pin spread DIP with externally fused pins for thermal dissipation



 Standard Branding Reference View

N = Device part number  
 A = Supplier emblem  
 Y = Last two digits of year of manufacture  
 W = Week of manufacture  
 L = Lot number



 Terminal #1 mark area

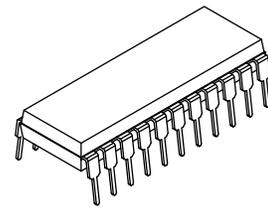
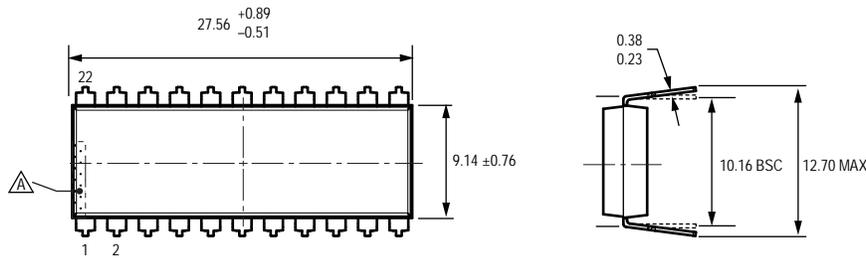
 Branding scale and appearance at supplier discretion

For Reference Only; not for tooling use (reference MS-001BB)  
 Dimensions in millimeters  
 Dimensions exclusive of mold flash, gate burrs, and dambar protrusions  
 Exact case and lead configuration at supplier discretion within limits shown

**Internal and external configuration of fused pins is device-dependent;  
 2 pins each side**

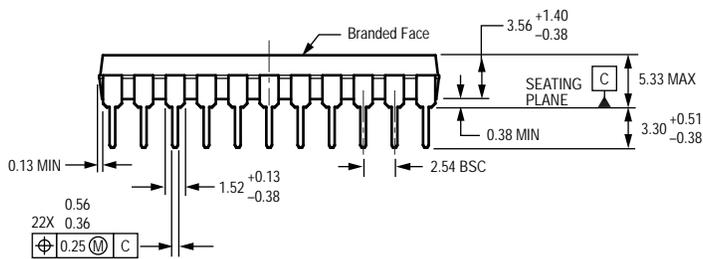
*Designator: B*

Type: 22-pin, 10.16 mm pin spread DIP with internally fused pins for thermal dissipation



 Standard Branding Reference View

N = Device part number  
 A = Supplier emblem  
 Y = Last two digits of year of manufacture  
 W = Week of manufacture  
 L = Lot number



 Terminal #1 mark area

 Branding scale and appearance at supplier discretion

For Reference Only; not for tooling use (reference MS-010AA)  
 Dimensions in millimeters

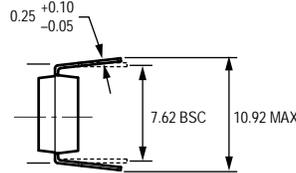
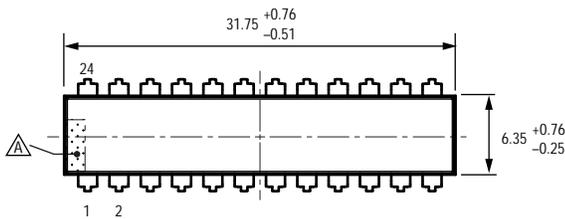
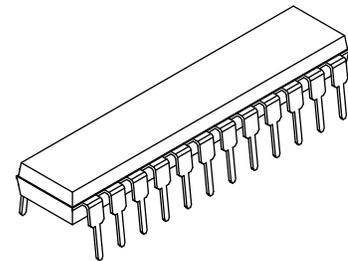
Dimensions exclusive of mold flash, gate burrs, and dambar protrusions  
 Exact case and lead configuration at supplier discretion within limits shown

Internal configuration of fused pins is device-dependent

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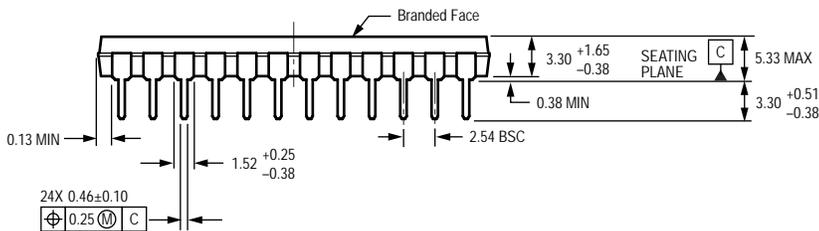
## Designator: B

Type: 24-pin, 7.62 mm pin spread DIP with internally fused pins for thermal dissipation



 Standard Branding Reference View

N = Device part number  
 A = Supplier emblem  
 Y = Last two digits of year of manufacture  
 W = Week of manufacture  
 L = Lot number



 Terminal #1 mark area

 Branding scale and appearance at supplier discretion

For Reference Only; not for tooling use (reference MS-001AF)  
 Dimensions in millimeters

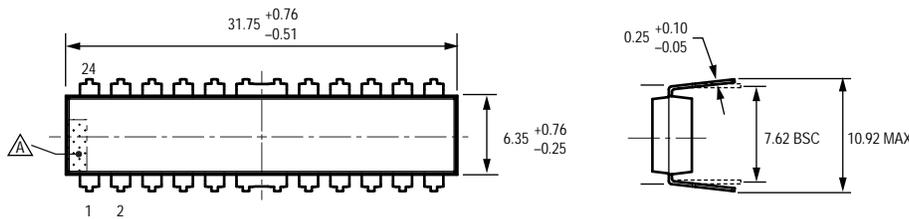
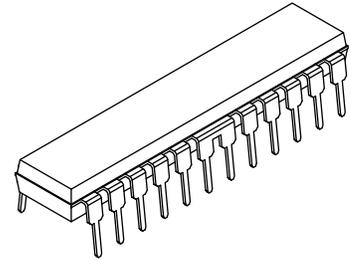
Exact case and lead configuration at supplier discretion within limits shown

Internal configuration of fused pins is device-dependent

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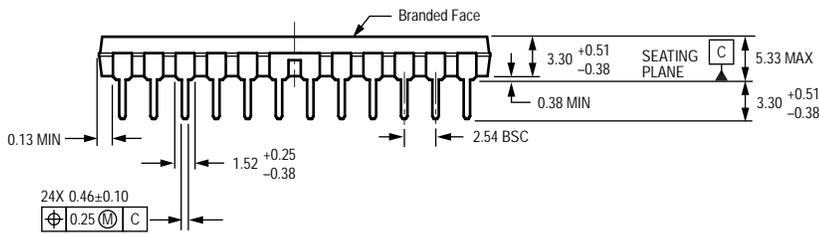
## Designator: B

Type: 24-pin, 7.62 mm pin spread DIP with externally fused pins for thermal dissipation



 Standard Branding Reference View

N = Device part number  
 A = Supplier emblem  
 Y = Last two digits of year of manufacture  
 W = Week of manufacture  
 L = Lot number



 Terminal #1 mark area

 Branding scale and appearance at supplier discretion

For Reference Only; not for tooling use (reference MS-001AF)

Dimensions in millimeters

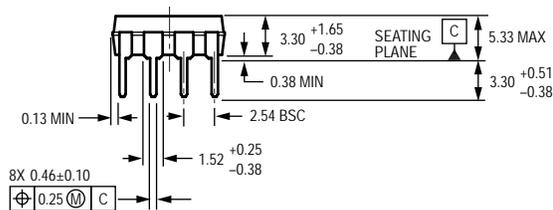
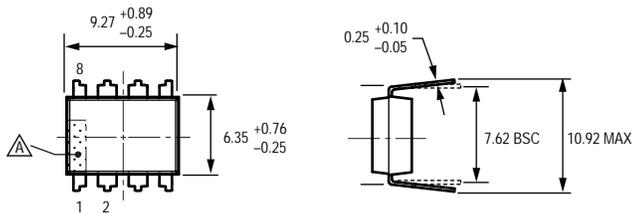
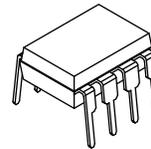
Dimensions exclusive of mold flash, gate burrs, and dambar protrusions

Exact case and lead configuration at supplier discretion within limits shown

**Internal and external configuration of fused pins is device-dependent;  
 2 or 3 pins each side**

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## Designator: M Type: 8-pin, 7.62 mm pin spread DIP



 Terminal #1 mark area

For Reference Only; not for tooling use (reference MS-001BA)  
 Dimensions in millimeters  
 Dimensions exclusive of mold flash, gate burrs, and dambar protrusions  
 Exact case and lead configuration at supplier discretion within limits shown