

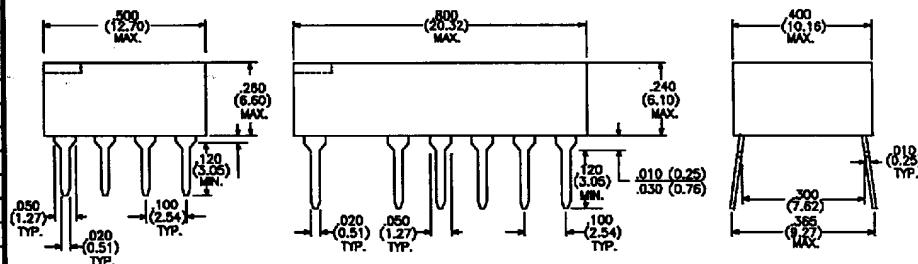
# SCHOTTKY TTL BUFFERED DELAY MODULES

## 5-TAP THROUGH-HOLE DILS ..... SDM-XXX , DTZM1-XXX SERIES

| 5-TAP PART NUMBERS |         | OUTPUT<br>DELAY (ns) | TAPS<br>(ns) |
|--------------------|---------|----------------------|--------------|
| 14-PIN             | 8-PIN   |                      |              |
| DTZM1-25           | SDM-25  | 25 ± 2.00            | 5 ± 2.0      |
| DTZM1-30           | SDM-30  | 30 ± 2.00            | 6 ± 2.0      |
| DTZM1-35           | SDM-35  | 35 ± 2.00            | 7 ± 2.0      |
| DTZM1-40           | SDM-40  | 40 ± 2.00            | 8 ± 2.0      |
| DTZM1-50           | SDM-50  | 50 ± 2.50            | 10 ± 2.0     |
| DTZM1-60           | SDM-55  | 60 ± 3.00            | 12 ± 2.0     |
| DTZM1-70           | SDM-70  | 70 ± 3.50            | 14 ± 2.0     |
| DTZM1-75           | SDM-75  | 75 ± 3.75            | 15 ± 2.5     |
| DTZM1-100          | SDM-100 | 100 ± 5.00           | 20 ± 3.0     |
| DTZM1-125          | SDM-125 | 125 ± 6.25           | 25 ± 3.0     |
| DTZM1-150          | SDM-150 | 150 ± 7.50           | 30 ± 3.0     |
| DTZM1-175          | SDM-175 | 175 ± 8.75           | 35 ± 3.5     |
| DTZM1-200          | SDM-200 | 200 ± 10.00          | 40 ± 4.0     |
| DTZM1-225          | SDM-225 | 225 ± 11.25          | 45 ± 4.5     |
| DTZM1-250          | SDM-250 | 250 ± 12.50          | 50 ± 5.0     |
| DTZM1-275          | SDM-275 | 275 ± 13.75          | 55 ± 5.5     |
| DTZM1-300          | SDM-300 | 300 ± 15.00          | 60 ± 6.0     |
| DTZM1-350          | SDM-350 | 350 ± 17.50          | 70 ± 7.0     |
| DTZM1-450          | SDM-450 | 450 ± 22.50          | 90 ± 9.0     |
| DTZM1-500          | SDM-500 | 500 ± 25.00          | 100 ± 10     |

### PHYSICAL DIMENSIONS All dimensions in inches (mm)

Military Part Height for DTZM1-XXXM: <500ns .185 Max. >500ns .300 Max.



SDM = 8-PIN Package  
DTZM1 = 14-PIN Package

See Page 10 for Pin-Outs  
and schematic diagrams.

Military above 500ns use  
DTZM3 Series, Page 16.

### PART NUMBER DESCRIPTION

5-Tap Delay Line \_\_\_\_\_ XXXX - XXX X

SDM = 8-Pin

DTZM1 = 14-Pin

See Page 10 for Pin-Outs

Total Delay in nanoseconds (ns) \_\_\_\_\_

Grade \_\_\_\_\_

Blank = Commercial

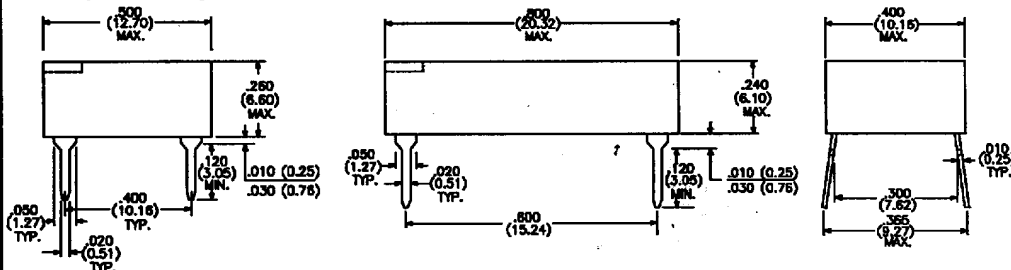
M = Military (see note)

## FIXED OUTPUT THROUGH-HOLE DILS ..... FDM-XXX , FSDM-XXX SERIES

| FIXED PART NUMBERS |         | OUTPUT<br>DELAY (ns) |
|--------------------|---------|----------------------|
| 14-PIN             | 8-PIN   |                      |
| FSDM-5             | FDM-5   | 5 ± 1.00             |
| FSDM-10            | FDM-10  | 10 ± 1.50            |
| FSDM-25            | FDM-25  | 25 ± 2.00            |
| FSDM-30            | FDM-30  | 30 ± 2.00            |
| FSDM-40            | FDM-40  | 40 ± 2.00            |
| FSDM-50            | FDM-50  | 50 ± 2.50            |
| FSDM-70            | FDM-70  | 70 ± 3.50            |
| FSDM-75            | FDM-75  | 75 ± 3.75            |
| FSDM-100           | FDM-100 | 100 ± 5.00           |
| FSDM-125           | FDM-125 | 125 ± 6.25           |
| FSDM-150           | FDM-150 | 150 ± 7.50           |
| FSDM-175           | FDM-175 | 175 ± 8.75           |
| FSDM-200           | FDM-200 | 200 ± 10.00          |
| FSDM-225           | FDM-225 | 225 ± 11.25          |
| FSDM-250           | FDM-250 | 250 ± 12.50          |
| FSDM-275           | FDM-275 | 275 ± 13.75          |
| FSDM-300           | FDM-300 | 300 ± 15.00          |
| FSDM-350           | FDM-350 | 350 ± 17.50          |
| FSDM-450           | FDM-450 | 450 ± 22.50          |
| FSDM-500           | FDM-500 | 500 ± 25.00          |

### PHYSICAL DIMENSIONS All dimensions in inches (mm)

Military Part Height for FSDM-XXXM: <500ns .185 Max. >500ns .300 Max.



FDM = 8-PIN Package  
FSDM = 14-PIN Package

See Page 10 for Pin-Outs  
and schematic diagrams.

Military above 500ns use  
DTZM3 Series, Page 16.

### PART NUMBER DESCRIPTION

5-Tap Delay Line \_\_\_\_\_ XXXX - XXX X

FDM = 8-Pin

FSDM = 14-Pin

See Page 10 for Pin-Outs

Total Delay in nanoseconds (ns) \_\_\_\_\_

Grade \_\_\_\_\_

Blank = Commercial

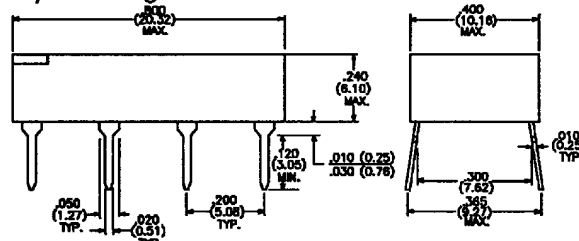
M = Military (see note)

## TRIPLE OUTPUT THROUGH-HOLE DIL ..... MSDM-XXX SERIES

| PART<br>NUMBER | OUTPUT<br>DELAY (ns) | PART<br>NUMBER | OUTPUT<br>DELAY (ns) | PART<br>NUMBER | OUTPUT<br>DELAY (ns) |
|----------------|----------------------|----------------|----------------------|----------------|----------------------|
| MSDM-5         | 5 ± 1.00             | MSDM-18        | 18 ± 2.00            | MSDM-31        | 31 ± 2.00            |
| MSDM-6         | 6 ± 1.00             | MSDM-19        | 19 ± 2.00            | MSDM-32        | 32 ± 2.00            |
| MSDM-7         | 7 ± 1.00             | MSDM-20        | 20 ± 2.00            | MSDM-33        | 33 ± 2.00            |
| MSDM-8         | 8 ± 1.00             | MSDM-21        | 21 ± 2.00            | MSDM-34        | 34 ± 2.00            |
| MSDM-9         | 9 ± 1.00             | MSDM-22        | 22 ± 2.00            | MSDM-35        | 35 ± 2.00            |
| MSDM-10        | 10 ± 1.50            | MSDM-23        | 23 ± 2.00            | MSDM-40        | 40 ± 2.00            |
| MSDM-11        | 11 ± 1.50            | MSDM-24        | 24 ± 2.00            | MSDM-45        | 45 ± 2.25            |
| MSDM-12        | 12 ± 1.50            | MSDM-25        | 25 ± 2.00            | MSDM-50        | 50 ± 2.50            |
| MSDM-13        | 13 ± 1.50            | MSDM-26        | 26 ± 2.00            | MSDM-70        | 70 ± 3.50            |
| MSDM-14        | 14 ± 1.50            | MSDM-27        | 27 ± 2.00            | MSDM-75        | 75 ± 3.75            |
| MSDM-15        | 15 ± 2.00            | MSDM-28        | 28 ± 2.00            | MSDM-80        | 80 ± 4.00            |
| MSDM-16        | 16 ± 2.00            | MSDM-29        | 29 ± 2.00            | MSDM-90        | 90 ± 4.50            |
| MSDM-17        | 17 ± 2.00            | MSDM-30        | 30 ± 2.00            | MSDM-100       | 100 ± 5.0            |

### PHYSICAL DIMENSIONS All dimensions in inches (mm)

Military Part Height for MSDM-XXXM: .300 Max.



### PART NUMBER DESCRIPTION

Triple Output 14-PIN Delay Line \_\_\_\_\_ MSDM - XXX X

Total Delay in nanoseconds (ns) \_\_\_\_\_

Grade: Blank = Commercial ; M = Military

Specifications subject to change without notice

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