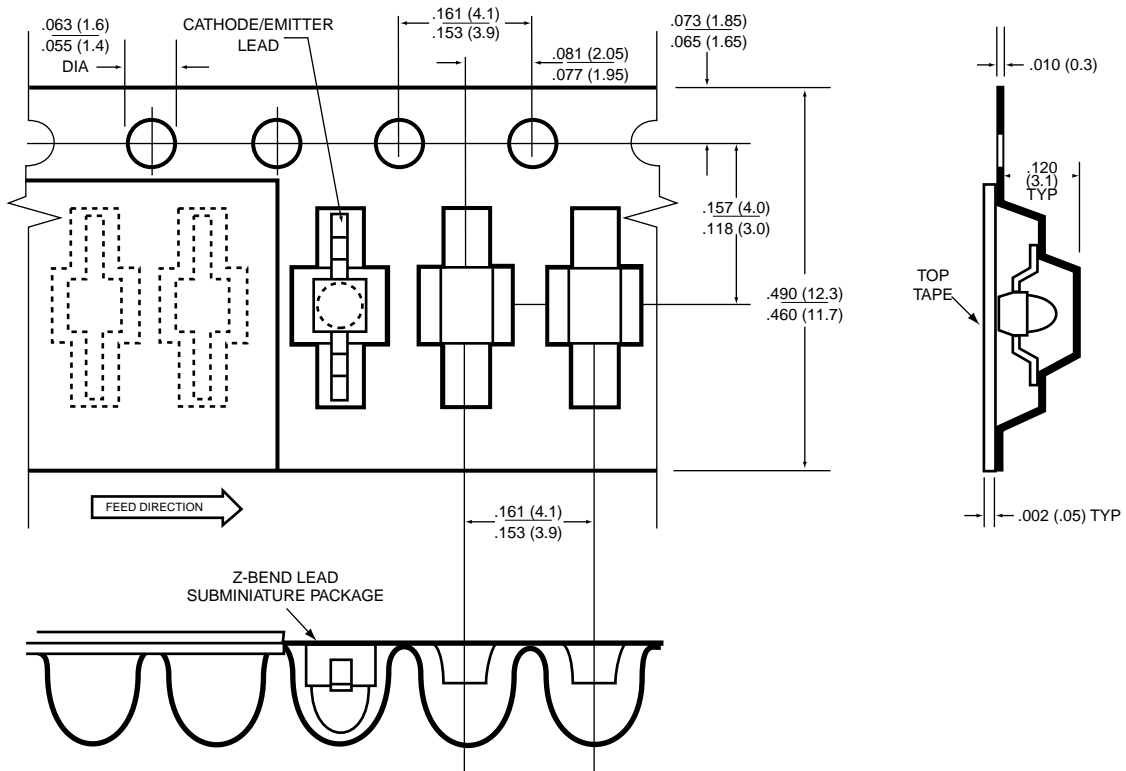
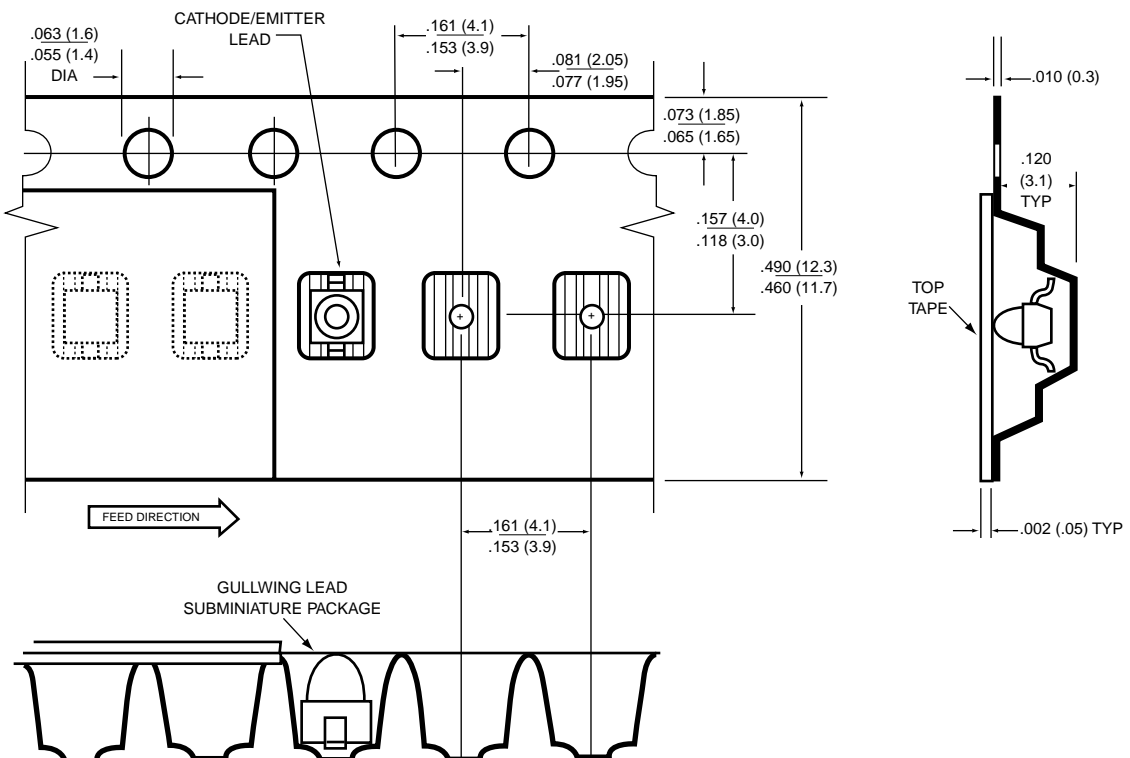


# TAPE AND REEL SPECIFICATIONS SUBMINIATURE PACKAGES

## 12 mm Tape and Reel, Z-Bend Lead, Option ZR



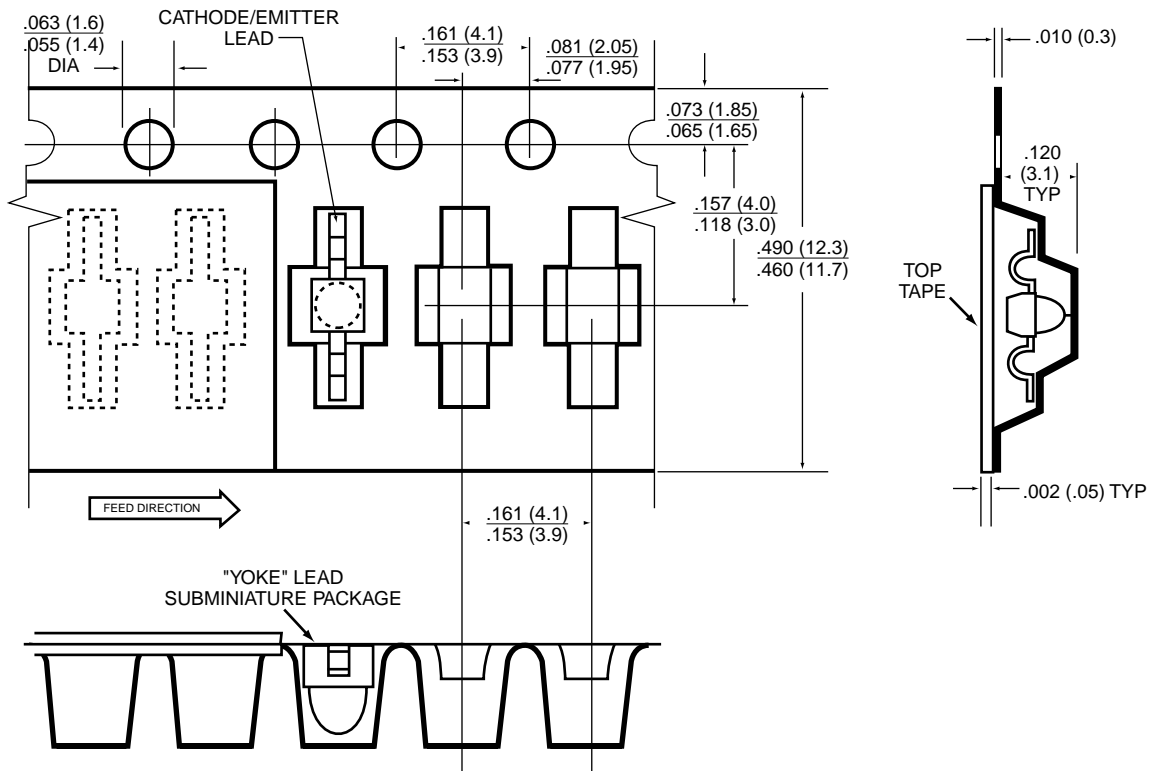
## 12 mm Tape and Reel, Gullwing Lead, Option GR



# TAPE AND REEL SPECIFICATIONS SUBMINIATURE PACKAGES

**FAIRCHILD**  
SEMICONDUCTOR®

## 12 mm Tape and Reel Yoke Lead, Option YR



### Absolute Maximum Soldering Ratings

Wave soldering temperature (0.063 (1.6) from body)	260° C for 3 s
Surface Mount Reflow Soldering:	
Convective IR	235° C for 90 s
Vapor Phase	215° C for 3 min

### Absolute Maximum Ratings and Electrical/Optical Characteristics

The absolute maximum ratings and electrical/optical characteristics are identical to the basic catalog ratings except for the vapor phase soldering ratings as specified above.

### Notes

1. Dimensions per ANSI/EIA Standard RS-481.
2. Empty component pockets are sealed with top cover tape.
3. The maximum number of missing emitters or photosensors is two.
4. The cathode/emitter of the package is oriented towards the tape sprocket hole in accordance with ANSI/EIA RS-481 specifications.