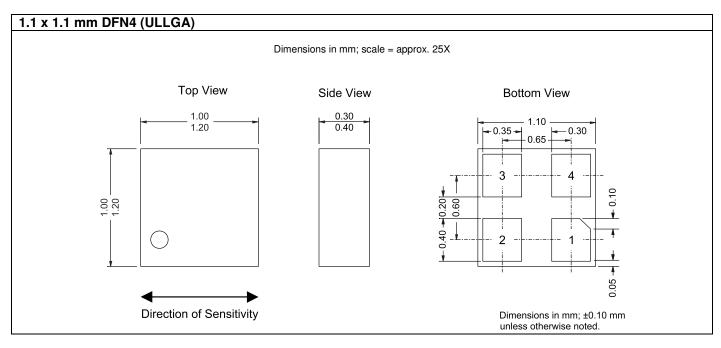


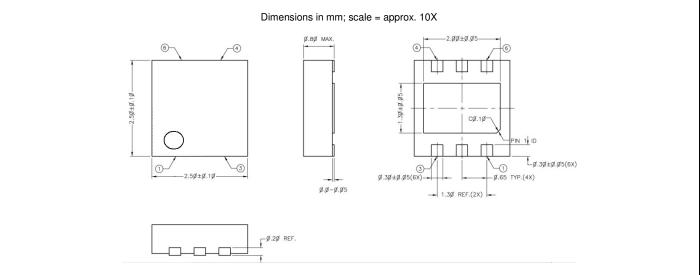
# Package, Tape-and-Reel and Pad Layout Specifications Best-in-Class Miniaturization

# Package Drawings

All NVE packages are compliant with JEDEC standards, but the packages with leads also meet creepage requirements unique to isolators.

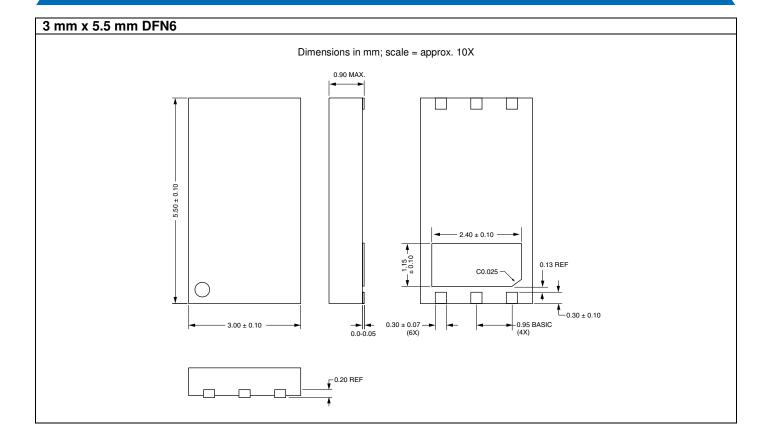




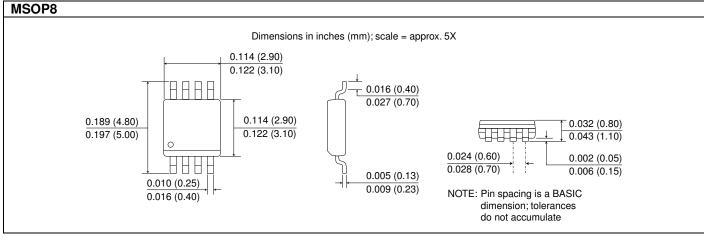


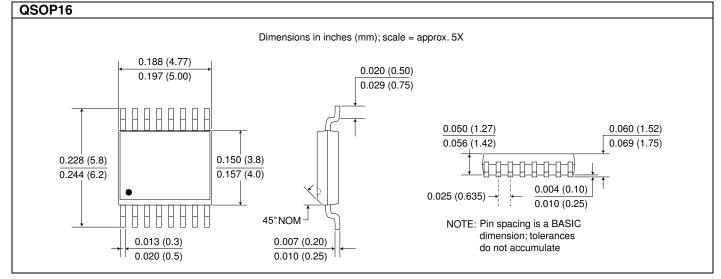


# **Application Bulletin AB-03**







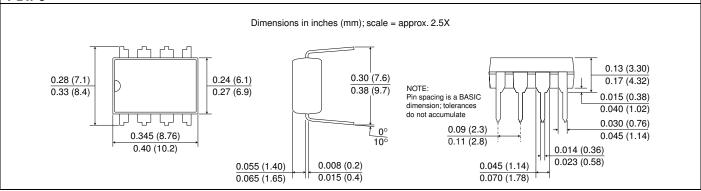


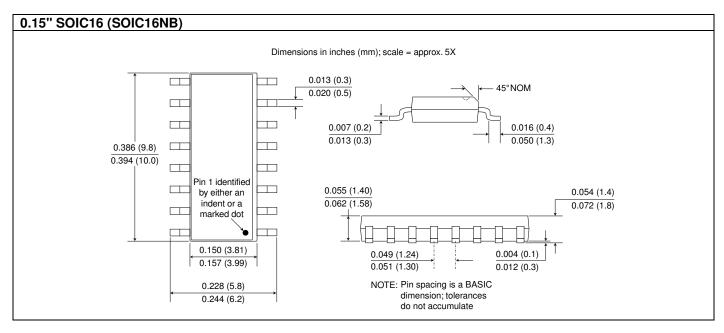


# **Application Bulletin AB-03**

#### SOIC8 Dimensions in inches (mm); scale = approx. 5X 0.188 (4.77) 0.016 (0.4) 0.197 (5.00) 0.050 (1.3) 0.052 (1.32) 0.054 (1.37) 0.062 (1.57) 0.072 (1.83) 0.228 (5.8) 0.150 (3.8) 0.244 (6.2) 0.157 (4.0) 0.004 (0.1) 0.050 (1.27) 0.012 (0.3) 45°NOM NOTE: Pin spacing is a BASIC dimension; tolerances 0.013 (0.3) 0.007 (0.2) do not accumulate 0.020 (0.5) 0.013 (0.3)

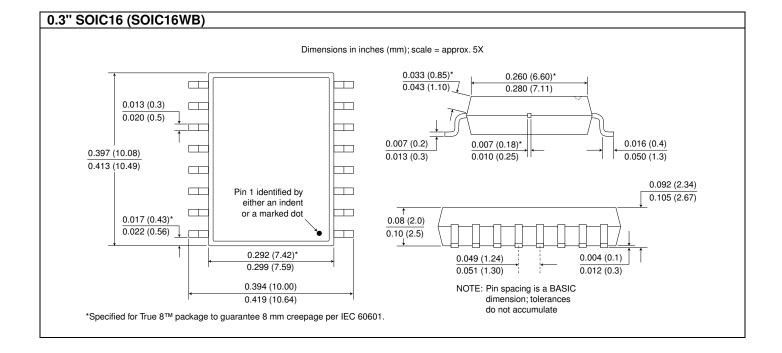








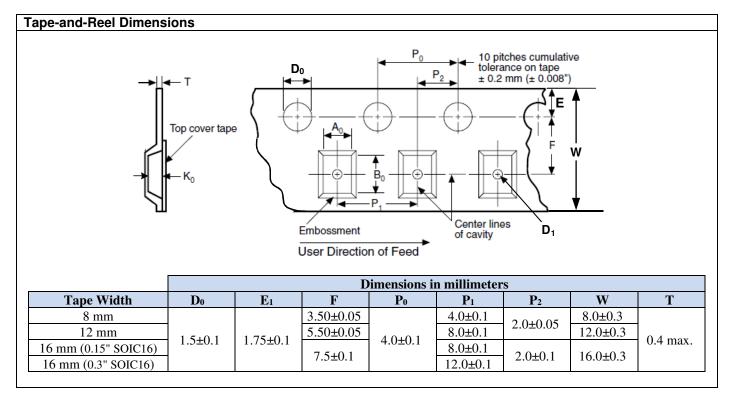
# **Application Bulletin AB-03**

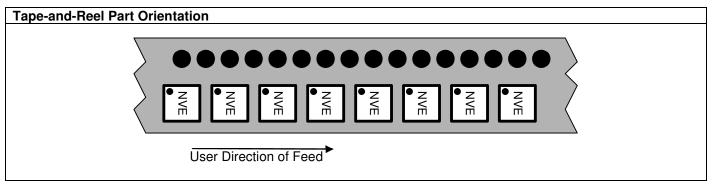


5



# Tape-and-Reel Specifications

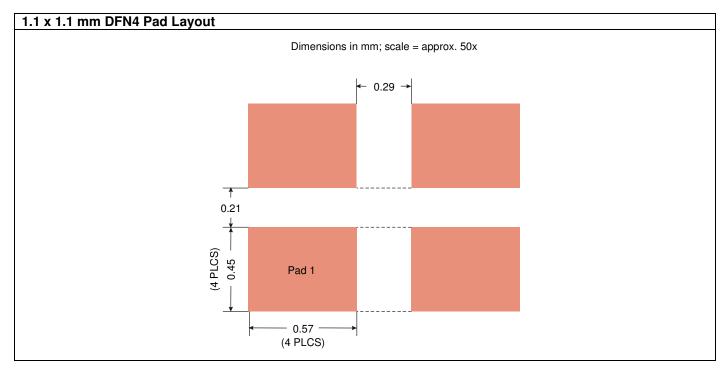


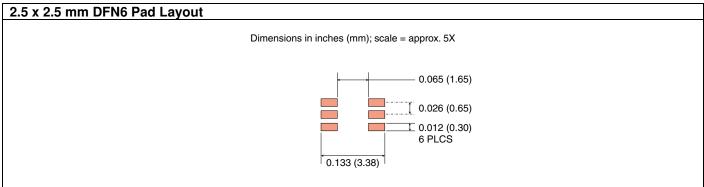


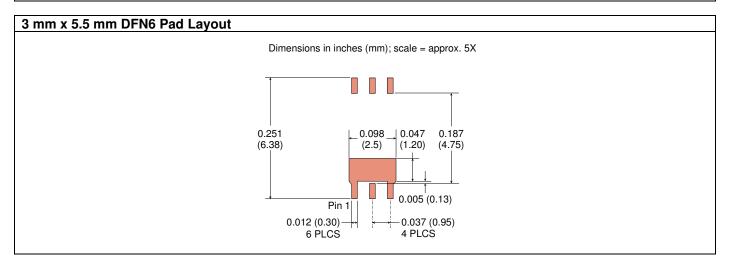
	Carrier Tape	Carrier Tape Carrier Tape Pocket Dimensions (mm)			Standard Quantities		
Package	Width	<b>Pocket Pitch</b>	AO	BO	KO	7'' Reel	13" Reel
1.1 x 1.1 mm DFN4	8 mm	4 mm	$1.35 \pm 0.1$	$1.35 \pm 0.05$	$0.61 \pm 0.05$	2500	5000
2.5 x 2.5 mm DFN6	8 mm	4 mm	$2.8 \pm 0.1$	$2.8 \pm 0.1$	$1.0 \pm 0.1$	2500	5000
3 mm x 5.5 mm DFN6	12 mm	8 mm	$3.3 \pm 0.1$	$5.8 \pm 0.1$	$1.3 \pm 0.1$	250	3000
MSOP8	12 mm	8 mm	$5.3 \pm 0.1$	$3.3 \pm 0.1$	$1.3 \pm 0.1$	1000	3000
SOIC8	12 mm	8 mm	$6.4 \pm 0.1$	$5.2 \pm 0.1$	$2.1 \pm 0.1$	1000	3000
QSOP16	12 mm	8 mm	$6.4 \pm 0.1$	$5.2 \pm 0.1$	$2.1 \pm 0.1$	1000	3000
0.15" SOIC16	16 mm	8 mm	$6.5 \pm 0.1$	$10.3 \pm 0.1$	$2.1 \pm 0.1$	800	3000
0.3" SOIC16	16 mm	12 mm	$10.9 \pm 0.1$	$10.7 \pm 0.1$	$3.0 \pm 0.1$	N/A	1500



# Recommended Pad Layouts

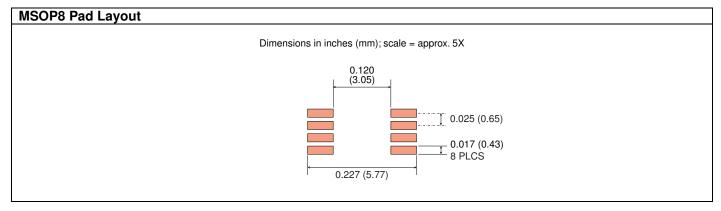


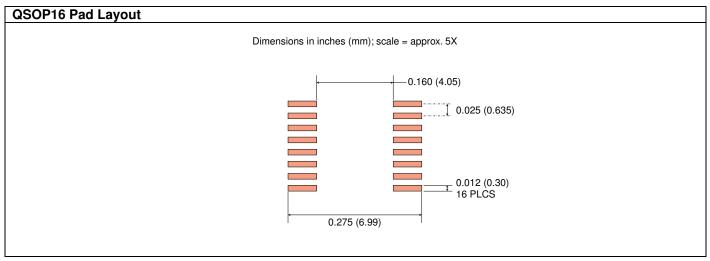




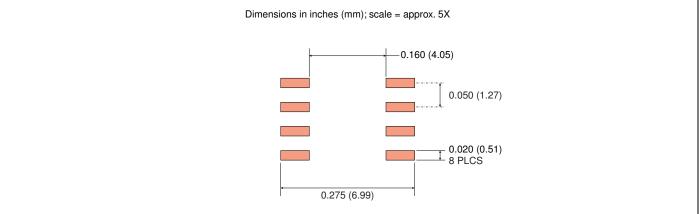


Pad layouts for parts with leads are wider than most libraries to avoid compromising isolator creepage and clearance:

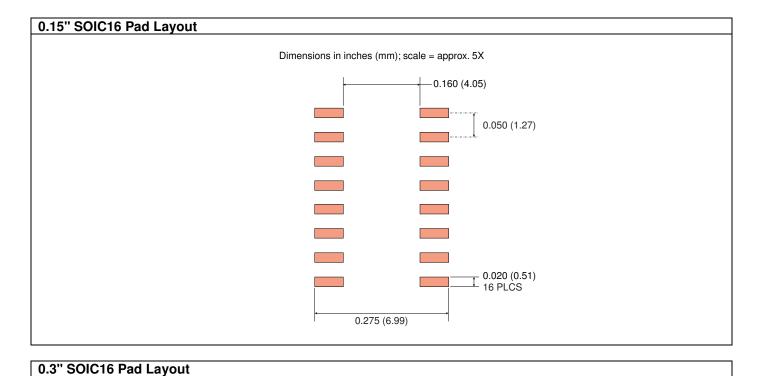


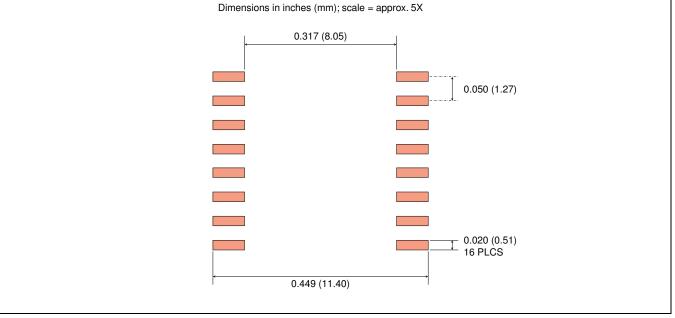


# SOIC8 Pad Layout











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ISB-AP-03

January 2025