



NGK-LOCKE

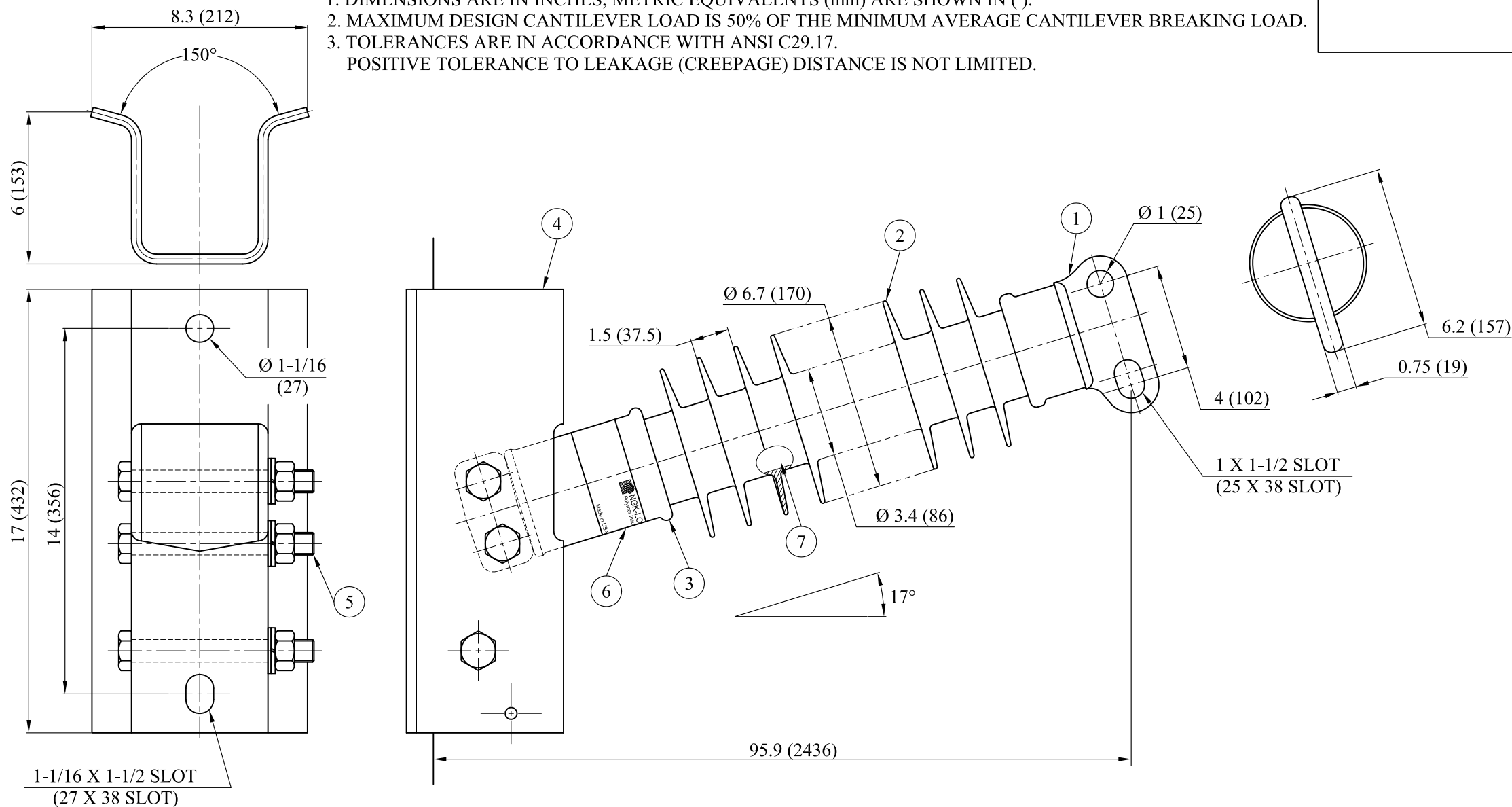
DWG. NO.

L3-SN058-DB1-3

POLYMER LINE POST INSULATOR

NOTES:

1. DIMENSIONS ARE IN INCHES, METRIC EQUIVALENTS (mm) ARE SHOWN IN ().
2. MAXIMUM DESIGN CANTILEVER LOAD IS 50% OF THE MINIMUM AVERAGE CANTILEVER BREAKING LOAD.
3. TOLERANCES ARE IN ACCORDANCE WITH ANSI C29.17.
POSITIVE TOLERANCE TO LEAKAGE (CREEPAGE) DISTANCE IS NOT LIMITED.



TECHNICAL DATA

Specification Applied: ANSI C29.17, Latest Issue

CHARACTERISTICS

RATING

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DIMENSIONS

Arcing Distance, in. (mm)	87.3 (2218)
Leakage (Creepage) Distance, in. (mm)	256.9 (6525)
Number of Sheds, "N"	58
Core Diameter, in. (mm)	3.0 (76.5)

ELECTRICAL VALUES

Power Frequency Dry Flashover, kV	870
Power Frequency Wet Flashover (Withstand), kV	730 (600)
Critical-Impulse Flashover (Withstand), Pos., kV	1405 (1185)
Critical-Impulse Flashover, Neg., kV	1465

MECHANICAL VALUES

Maximum Design Cantilever Load, lb.(kN)	1575 (7.0)
Routine Tension Load, lb. (kN)	7500 (33.4)

APPROX. NET WEIGHT, lb. (kg)

126.6 (57.4)

⑦	CORE	HIGH QUALITY PULTRUDED FRP ROD
⑥	LABEL	POLYESTER
⑤	BOLT SET	STEEL, HDG
④	BENDABLE CURVED BASE	STEEL, HDG
③	BOX END	DUCTILE IRON, HDG
②	WEATHERSHEDS	GRAY SILICONE RUBBER
①	DROP TONGUE	DUCTILE IRON, HDG
ITEM	COMPONENT	MATERIAL

MADE BY

MM

APPROVED

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NGK-LOCKE POLYMER
INSULATORS, INC.
VIRGINIA BEACH, VA 23455

CAT. NO.

L3-SN581-13