



DETAIL A
SCALE 5:1

FITTINGS MARKS:

- * 35 kV
- * SML 70 kN
- * GM

ELECTRICAL CHARACTERISTICS:

Voltage: 35 kV
 Leakage distance: 36.02 Inch **P**
 Arcing distance: 15.35 Inch **P**

MECHANICAL CHARACTERISTICS:

Specified mechanical load (SML): 70 kN (15.700 lbs)
 Routine tension load (RTL): 35 kN (7.850 lbs)
 Insulator weight (Approx.): 1.26 Kg

DIMENSIONS:

Core diameter: Ø5/8 Inch
 Quantity of sheds: 9 Units

NOTES:

- * Fittings according to ANSI C29.13
- * Galvanizing of the fittings according to ASTM A153

PARTS LIST				
ITEM	QTY	DESCRIPTION	MATERIAL	CODE
1	1	Core	Fiberglass	15,7x454,5-01
2	1	Insulating body	HTV Silicone	UPS035070009-01
3	1	Clevis fitting	-Forged steel ASTM A29/A29M or AISI 1045 hot-dip galvanized -Nodular iron ASTM A536 class 65-45-12 hot-dip galvanized	U070C-PHC02
4	1	Pin	Forged steel ASTM 1030	8235-EHP02
5	1	Cotter pin	Stainless steel AISI 304	NR3,7x37,0-EHH01
6	1	Tongue fitting	-Forged steel ASTM A29/A29M or AISI 1045 hot-dip galvanized -Nodular iron ASTM A536 class 65-45-12 hot-dip galvanized	U070L-PHC02

SILICONE MARKS DETAIL



Mark #1
Traceability
(Year-Month)



Mark #2
NEWELL

N Dimension without protocol

P Dimension with protocol

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	DRAW: Lizeth Bedoya Cossio.	DATE: 2025/05/13	DIM: Inch		COMPOSITE SUSPENSION, 35 kV, DS-35.
	REV:	SAP CODE:	SC:		
APPROVER: David Gonzalez.	NCD5035	1:1.2			