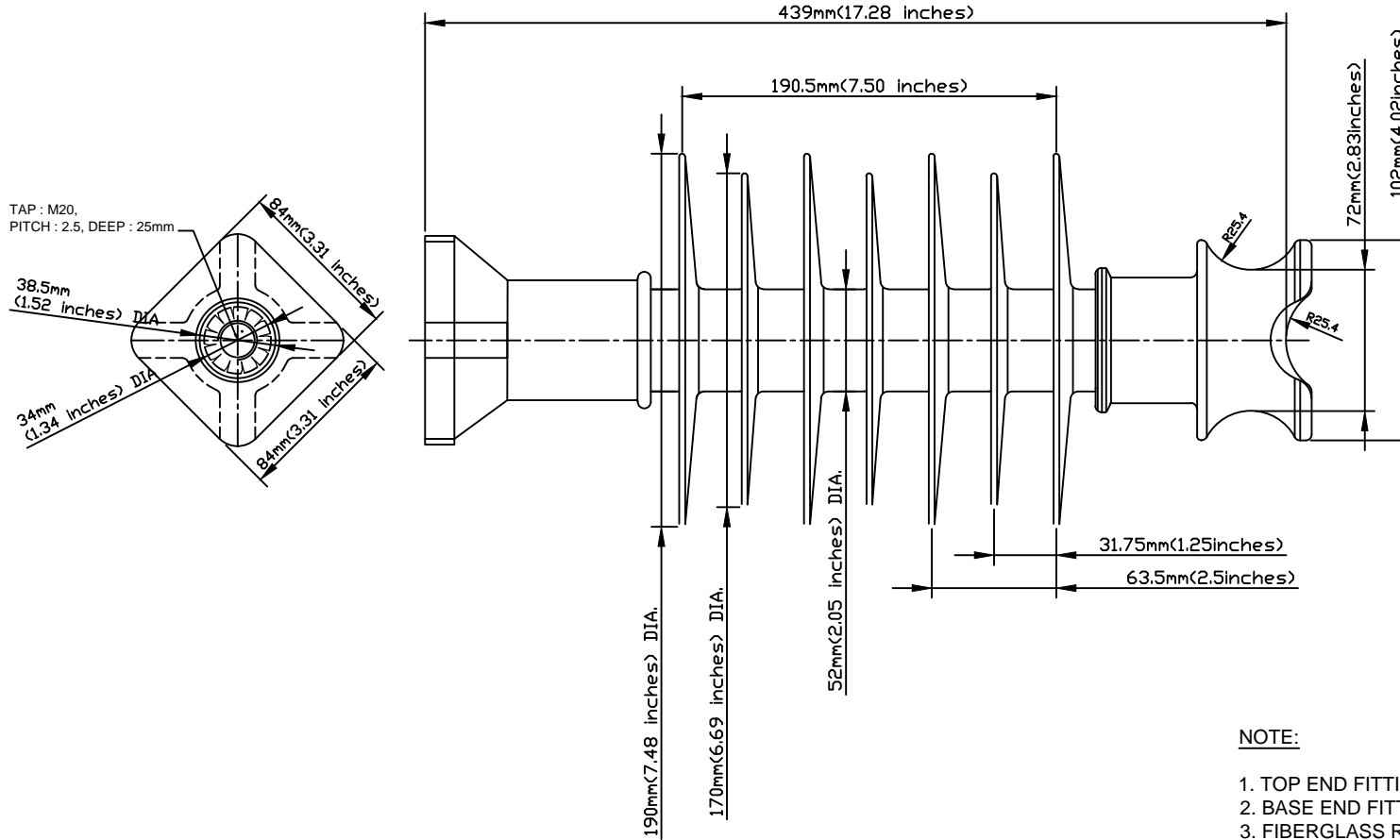


CODE No. LPFN-35SK-HP-M20

NO.	DESCRIPTION	DWG. NO.	MATERIAL	Q'TY	FINISH/SIZE	NOTE



<b>DIMENSIONS</b>	
LEAKAGE DISTANCE	1,090 mm
DRY ARCING DISTANCE	306 mm
SHEDS Q'TY	7 PCS
<b>MECHANICAL VALUES</b>	
SPECIFIED CANTILEVER LOAD	12.5 kN
Max. DESIGN CANTILEVER LOAD	6 kN
TENSILE STRENGTH	22 kN
<b>ELECTRICAL VALUES</b>	
Low-Freq. FLASHOVER-DRY	135 kV
Low-Freq. FLASHOVER-WET	107 kV
IMPULSE FLASHOVER-POS	196 kV
IMPULSE FLASHOVER-NEG	218 kV
Low-Freq. WITHSTAND-DRY	105 kV
Low-Freq. WITHSTAND-WET	85 kV
IMPULSE WITHSTAND-POS	180 kV
IMPULSE WITHSTAND-NEG	200 kV
<b>PACKING INFORMATION</b>	
NET WEIGHT EACH	7.02 kg
NO. IN STANDARD PACKAGE	1 PCS

**NOTE:**

1. TOP END FITTING IS MADE FROM ALUMINUM ALLOY.
2. BASE END FITTING IS MADE FROM CARBON STEEL FORGED & GALVANIZED.
3. FIBERGLASS ROD IS MADE FROM EPOXY RESIN.
4. STUD BASE DIMENSIONS ARE IN ACCORDANCE WITH ANSI C29.18
5. THE DIA. OF FRP ROD IS 45mm(1.77inches) SOLID.
6. BASE AND INSULATOR ASSEMBLED WITH M20 BOLT AND WASHER.
7. THE TOLERANCE ON ALL DIMENSIONS SHALL BE AS FOLLOWS:  
 $\pm(0.04d+1.5)$ mm when  $d < 300$ mm  
 $\pm(0.025d+6)$ mm when  $d > 300$ mm with a maximum of 50mm

NO.	DATE	REVISIONS	DESIGNED	APPROVED	REMARKS	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY	SCALE	DATE	NAME	Polymer Line Post Insulator for Distribution 35kV HP F-NECK LP Insulator	REF.NO.	SHEET NO
1/R	02/09/2017	INITIAL RELEASE	J.H.PARK	C.H.PARK		J.H.PARK			C.H.PARK	1/1					
						FEB.09.2019			FEB.09.2019						
												REF.NO.		SHEET NO	
												DWG.NO.	LPFN-35SK-HP-M20		