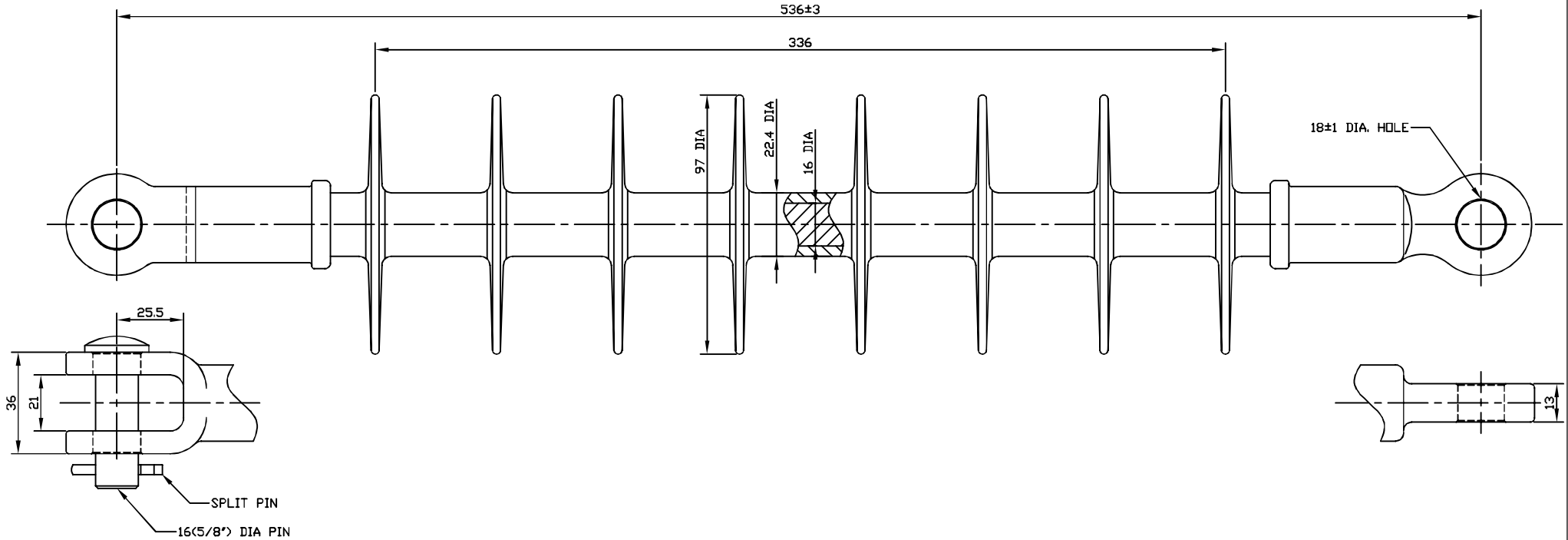


ANSI CLASS DS-35  
DTR CATALOG NO. ISC7-0927-AGH

No.	DATE	REVISION	CHECK

METRIC DIMENSIONS UNLESS OTHERWISE NOTED



**NOTE:**

1. END FITTING ARE MADE FROM CARBON STEEL CASTINGS AND GALVANIZED
2. FIBERGLASS ROD ARE MADE FROM EPOXY RESIN.
3. THIS ASSEMBLY USES A GALVANIZED STEEL ROUND PIN AND STAINLESS STEEL SPRING COTTER KEY

**REQUIREMENTS**

SECTION LENGTH-----	536 mm
SPECIFIED MECHANICAL LOAD-----	70 kN
ROUTINE TEST LOAD RATING-----	35 kN
DRY ARCING DISTANCE-----	410 mm
LEAKAGE DISTANCE-----	927 mm
60 Hz DRY FLASHOVER-----	184 kV
60 Hz WET FLASHOVER-----	142 kV
POSITIVE IMPULSE CRITICAL FLASHOVER-----	286 kV
WEIGHT-----	1.43 kg

The tolerance on all dimensions e.g. diameter, length and creepage distance 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

DRAWN	DESIGN	CHECK	APPROVE	DATE
T.Y.KIM	K.C.PARK		S.Y.JUNG	
MAR.22.2007	MAR.22.2007		MAR.22.2007	SCALE /
PART	35kV DEAD-END POLYMER INSULATOR OF DISTRIBUTION FOR 70kN			
NAME	DS - 35(ANSI)	DWG. NO.	ISC7-0927-AGH	

**DTR CORPORATION**