

TECHNICAL PARTICULARS

MECHANICAL VALUES

Bending strength (Upright)	lb	1450	kN	6.45
Compression strength	lb	60000	kN	267
Tensile strength	lb	20000	kN	89
Torsional strength	inch-lb	60000	kNm	6.78

ELECTRICAL VALUES

Dry power frequency withstand voltage	kV	585	
Wet power frequency withstand voltage	kV	525	
Dry power frequency flashover voltage	kV	615	
Wet power frequency flashover voltage	kV	555	
Lightning impulse withstand voltage	kVp	1300	
Impulse flash over voltage	kVp	1410	
Min. creepage distance - inch	231	mm	5868
Shed profile as per IEC : 60815			

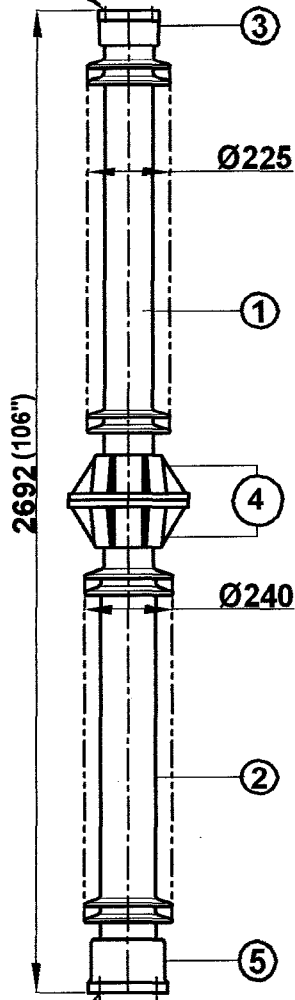
RIV DATA

Test voltage to ground	kv	220
Max. RIV Microvolts at 1000 kHz	µv	1000

NOTE: -

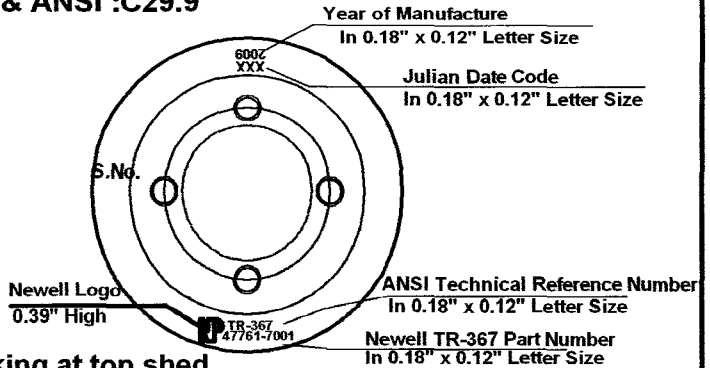
Test & tolerance as per IS :2544 , 5350 & IEC :60168 ,
IEC :273 & ANSI :C29.9

4 Holes 5/8"-11UNC(0.015"Oversize)
X 0.866 deep on 5"P.C.D.



4Holes 3/4"-10UNC(0.015" Oversize)
X 0.866 deep on 7"P.C.D.

Marking at top shed



3, 4 & 5	Caps & Flanges	MCI / SGI	Hot dip galv .
1, 2	Insulator body	Al. porcelain	Grey Glaze
S.No.	DESCRIPTION	MATERIAL	REMARKS

Title Solidcore Post Insulator (BIL-1300 kV)		Scale N.T.S.	Matl. See table
Ref. TR - 367		Drawn MANISH NAGAR	Checked S.K. Dixit
All dimension are in mm.		Approved KR JC	Date 22.11.2005
NEWELL P S N L L C		Drg. No.	Rev.
		212 - C - 284	1

Rev. - 1 on dt.- 12-12-2005