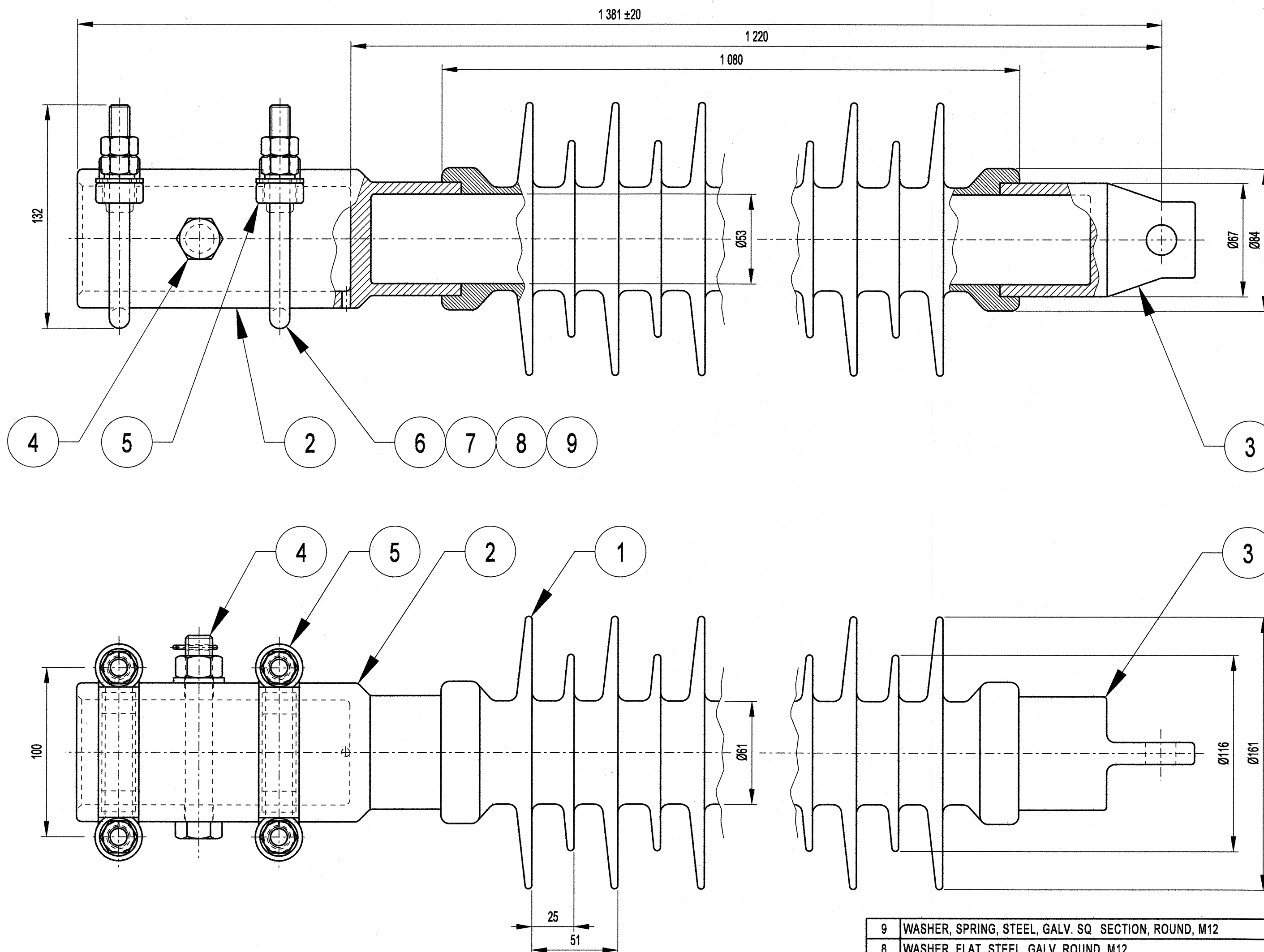




NOTES

1. INSULATOR TO BE TESTED IN ACCORDANCE WITH IEC 1109 STANDARD FOR COMPOSITE INSULATORS.
2. VANDAL PROOF PROPERTIES OF INSULATOR TO BE EQUAL OR BETTER THAN THE 'RODURFLEX' TRACTION INSULATORS.
3. END FITTINGS: CORROSION RESISTANT e.g. AL. ALLOY, BRONZE OR GALVANISED STEEL OR HOLES WITH GALVANISED STEEL OR STAINLESS STEEL INSERTS.

DESIGN INFORMATION

1. CREEPAGE DISTANCE: 2 784mm
- PROTECTED CREEPAGE DISTANCE: 906mm
2. ARCING DISTANCE, DRY: 1 080mm
3. POWER FREQUENCY WITHSTAND VOLTAGE, WET: 275kV
- POWER FREQUENCY FLASH OVER VOLTAGE, WET: 320kV
4. DRY LIGHTNING IMPULSE WITHSTAND VOLTAGE +VE: 744kV
- DRY LIGHTNING IMPULSE WITHSTAND VOLTAGE -VE: 768kV

9	WASHER, SPRING, STEEL, GALV. SQ. SECTION, ROUND, M12	4	-	-
8	WASHER, FLAT, STEEL, GALV. ROUND, M12	4	-	-
7	NUT, GALV. HEX. M12	8	-	-
6	U-BOLT, GALV. M12 x Ø90 ID x 132 LONG	2	-	-
5	PRESS PLATE	2	-	BBF9994
4	LOCKING BOLT	1	-	BBF9995
3	SQUARE TONGUE END FITTING (SEE NOTE 3)	1	-	BBB0430
2	CLAMPING AND LOCKING TUBE FITTING (SEE NOTE 3)	1	-	BBF9993
1	INSULATOR: ULTRA VIOLET RESISTANT, WATER REPELLENT, SYNTHETIC RUBBER INSULATOR e.g. SILICON RUBBER	1	-	-
ITEM NO	DESCRIPTION	QTY	STORES ITEM NO	DRAWING NO

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DIMENSIONS : mm SCALE : 1:2
TOLERANCE : LIN ±1 ANG ±- ITEM NO : -
MATERIAL : -
VERSION INFO : -

DO REF : CDO/7949
ECP REF : -
DRAWN : C L BUCKLE
DESIGNED : -
CHECKED : H VAN VUUREN

APPROVED 12/07/13
AUTHORISED

VANDAL PROOF COMPOSITE COMPRESSION INSULATOR.
LOCKING AND CLAMPING TUBE FITTING.
50kV AC ELECTRIFICATION.

TRANSNET
freight rail
BBF9766
VERSION 1