

NO OF PIECES	REF NO IN THIS DRG	NAMES OF PIECES	PART NO	WEIGHT	MATERIAL	TECHNICAL SPECIFICATION
2	ITEM N51	RAIL JUMPER CLAMP BODY	501		ALUMINIUM BRONZE	IS-305-1952
2 METRE	ITEM M52	RAIL JUMPER CABLE 248/0-457 MM	506		STRANDED COPPER	SEE NOTE RE'S BELOW
2	ITEM N93	RAIL JUMPER FERRULE	504		BRASS	IS-320-1955
2	ITEM N94	RUBBER SLEEVE	505		RUBBER	

NOTES -

- SUPPLIES SHALL BE COMPLETE IN ASSEMBLIES AS PER DRAWING NO RE/33/P/500.
- RAIL JUMPER CLAMP BODY SHALL COMPLY WITH THE TOLERANCES INDICATED. WHERE NO TOLERANCE IS SHOWN, TOLERANCE OF 0.5 MM ON DIMENSIONS LESS THAN 10 MM AND 1 MM ON DIMENSIONS MORE THAN 10 MM, MAY BE ADOPTED.
- THE RAIL JUMPER CLAMP SCREW SHALL BE HARDENED (THE BAR MAY BE SOFT) AND SHALL BE GALVANISED IN ACCORDANCE WITH I.S. 4972 B OF 1956.
- INDIVIDUAL FERRULES AND CLAMP BODIES SHALL BE MATCHED TOGETHER. A TOTAL ALLOWANCE (DIFFERENCE IN DIAMETERS) OF LESS THAN 0.1 MM OR 0.004" ONLY IS ACCEPTABLE.
- THE RAIL JUMPER CABLE SHALL BE A SINGLE CORE, FLEXIBLE CABLE, MADE OF 248/0.457 MM STRANDS. THE CABLE SHALL BE INSULATED WITH VULCANISED RUBBER AND COVERED WITH A TOUGH RUBBER SHEATH. THE INSULATION OF THE CABLE SHALL BE OF 250 VOLTS GRADE AND SHALL CONFORM TO IS: 434 : 1953.

1	2	3	4
TITLE	DESIGNATION	SIGNATURE	
RAIL JUMPER ASSEMBLY	DY. C.E.E. OHE/RE	<i>[Signature]</i>	
	D.E.E. OHE/RE	<i>[Signature]</i>	

RAILWAY ELECTRIFICATION			
DATE	NAME	RE/33/P/500	SILVER
DR	<i>[Signature]</i>		
TC	<i>[Signature]</i>	SCALE: NOT TO SCALE.	IR
DATE MODIFICATIONS	CK	SUB SCALE: SUB SCALE:	

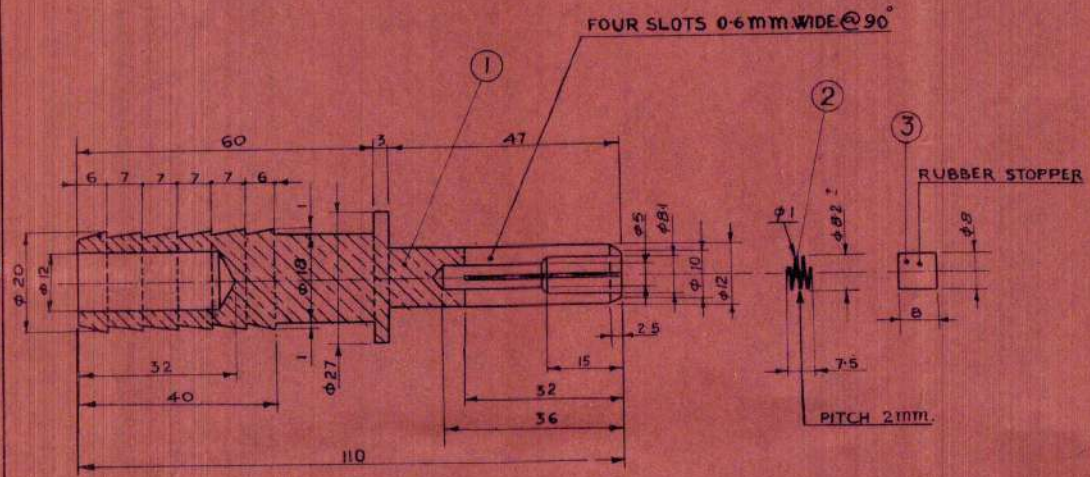
REFERENCE COPY

NO OF PIECES	REF. NO IN THIS DRG.	NAMES OF PIECES	PART NO	WEIGHT	MATERIAL	TECHNICAL SPECIFICATION
2	ITEMN#1	RAIL JUMPER FERRULE	504		BRASS	IS.320:1951
2	ITEMN#2	RAIL JUMPER FERRULE SPRING	506		PHOSPHOR BRONZE	IS.28:1950
2	ITEMN#3	RAIL JUMPER FERRULE STOPPER	507		HARD RUBBER	

NOTES:-

- SUPPLIES SHALL BE COMPLETE IN ASSEMBLIES AS PER DRAWING NO RE/33/P/500
- RAIL JUMPER FERRULE SHALL COMPLY WITH THE TOLERANCES INDICATED. WHERE NO TOLERANCE IS SHOWN, TOLERANCE OF 0.5 MM ON DIMENSIONS LESS THAN 10 MM AND 1 MM ON DIMENSIONS MORE THAN 10 MM, MAY BE ADOPTED.
- INDIVIDUAL FERRULES AND CLAMP BODIES SHALL BE MATCHED TOGETHER. A TOTAL ALLOWANCE (DIFFERENCE IN DIAMETERS) OF LESS THAN 0.1 MM OR 0.004" ONLY IS ACCEPTABLE

REFERENCE COPY



1	2	3	4
	TITLE	DESIGNATION	SIGNATURE
	RAIL JUMPER FERRULE	DY. C.E.E. OHE/RE.	<i>S. Sarathy</i> 19/59
		D.E.E. OHE/RE.	<i>S. Sarathy</i> 1-9-59

RAILWAY ELECTRIFICATION

DATE	NAME	RE/33/P/504	SH. NO.
DR	<i>[Signature]</i>		
TC		SCALE - 1:1 (DIMENSIONS IN MM.)	IR
DATE MODIFICATIONS	CK. <i>[Signature]</i>	SUB-SCALE - SUB-SCALE -	

Signature Not Verified  
 Digitally signed by G RAMANANTH RAO  
 Date: 2026.03.19 18:20:30+05  
 Reason: IRPS-CRIS  
 Location: New Delhi