

KLYSTRON (K-155 P)

1	Nomenclature/ Part No./ GIG No	Klystron /K 155 P /485517
2	Year of Procurement/Source	2021/LP (SFTE SPETSTECHONEXORT (AHQ/156))
3	Fleet/ Sub system/ Weapon system	SAGW/Receiving system, MAFC/OSA-AK-M
4	Technical Applicability/ Broad Purpose	It is used in trans-receivers of Combat Vehicle to produce high stable frequency for conversion of echo signal into IF signal. It also generates signal for phasing of MTI and gives reference for MAFC system
5	Technical specifications	Attached
6	Publication Details	TD & OI
7	Photograph of equipment	Attached
8	Brief description	It is Part of trans-receivers System of Combat Vehicle.
9	Classification of Equipment- LRU/Testers/Ground Equipment/Role Equipment (Electrical/Electronics/Mechanical/Software based etc.)	LRU/Testers/ Ground Equipment/ Role Equipment (Electrical, Electronics, Mechanical, Software based etc.): Ground Equipment Electronic based.
10	Previous repair history	Repaired
11	Criticality (Priority I/II/III)	Priority I
12	Requirement: Repair or Indigenization or both	Indigenisation
13	Quantity required (one time/annual)	One time - 01+03, Annual - 06
14	Sample Availability	YES
15	Scale/ Deficiency	NIL
16	If deficient- How deficiency is being plugged?	N/A
17	Draft QTS with major testing	N/A
18	SPOC details item/fleet wise	SPE ISC, 7BRD, AF
19	Any other relevant information.	NIL

BRIEF TECHNICAL SPECIFICATIONS

Input	:	Repel Voltage 430 to 600 Cathode Voltage-300 V,- 6.3V,+6.3 V
Output	:	RF Energy (C Band)
Dimensions	:	7.5X5X1.6c.m
Operating Temperature	:	-40 ⁰ C to +50 ⁰ C
Humidity	:	98% at the temp 20 ⁰ C



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PART NO- K 155 P
DESCRIPTION- KLYSTRON

