

**PANNEL P5-12**

1	Nomenclature/ Part No./ GIG No	P5-12/CHK2-032-035/205832
2	Year of Procurement/Source	2020/ LP (SFTE SPETSTECHONEXORT (AHQ/156))
3	Fleet/ Sub system/ Weapon system	SAGW/ESD/OSA-AK-M
4	Technical Applicability/ Broad Purpose	It is used to store the negative input pulses in duration as long as pulse repetition period lasts.
5	Technical specifications	Attached
6	Publication Details	TD & OI
7	Photograph of equipment	Attached
8	Brief description	It is Part of Error Signal Discriminator (ESD) System as Amplitude Frequency Amplifier.
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+18, Annual - 05
14	Sample Availability	YES
15	Scale/ Deficiency	NIL
16	If deficient- How deficiency is being plugged?	N/A
17	Draft QTS with major testing	SPE ISC, 7BRD, AF
18	SPOC details item/fleet wise	N/A
19	Any other relevant information.	NIL

**TECHNICAL SPECIFICATION**

<b>Input</b>	Passive jamming signal and false error signal in form of sine and cosine values of $\pm 15V$ , $\pm 27V$ DC voltages
<b>Output</b>	Amplified Signal or Modulated signal of Sine and cosine Values
<b>Dimensions</b>	$-40^{\circ}C$ to $+50^{\circ}C$
<b>Operating Temperature</b>	$-40^{\circ}C$ to $+50^{\circ}C$
<b>Humidity</b>	98% at the temp $20^{\circ}C$

