AMP TEST REPORT

Report	Review	Check	Approval
GM SHIN	IK KIM	C ER	JH SEO

Production Order No : CL - S30167A Q'TY: 300

2003 . 03 . 12 . (IQC) DEPARTMENT (O) Production ( ) SAMPLE ( ) Review

BUYER / BRAND	CALIBER /CALIBER	TESTED BY	G.M.SHIN
MODEL No.	CA2000DPLUS	INPUT VOLT	13.8(INPUT=100Hz) V
PCB (REV) No.	PAM580-01	NO SIGNAL CURRENT	2500 mA
OUTPUT (LOAD)	65.3 Ω	OUTPUT VOLT (NO LOAD)	70.2 V
DC/DC CONVERTOR O.S.C FREQUENCY	27.66 kHz	SHORT PROTECTION	Continually (5) Time(3.2) A
LOW VOLT DETECTION	ON 9.2 V OFF 9.1 V N/A	HIGH VOLT DETECTION	ON V OFF V N/A
HUM & BEAT & WHITE NOISE	( ) MA ( ) MI (O) NO	POP NOISE (12.5 13.5 14.5 15.5V)	( ) MA ( ) MI (O) NO

OPEN CHECK (E/C, SILCON & BOND SOLDER, WORKMAN SHIP)	(O) GOOD	( )NO GOOD
Coherency of Signal Phase of R-Ch Input & Output	(O) GOOD	( ) NO GOOD
HIGH INPUT hequency test / A BEX TEST CD TCD - 784 track # CHECK (THD 10%)	( ) GOOD ( ) NO GOOD	(O) N/A

TEST POINT		UNIT	NORM	LIMIT	FRONT		REAR		SUB		RATED CURRENT	
					1R-CH	2L-CH	3R-CH	4L-CH	5R-CH	6L-CH		
DC OFFSET VOLTAGE		mV	20	100	22.2							
V/R MAX S/N RATIO	80 kHz LPF	dB			63							
	A-WEIGHT	dB	80	75	97							
4Ω THD RATED POWER	80 kHz LPF	%	0.5	0.7	0.53							
	A-WEIGHT	%			0.26							
4Ω RATED POWER(THD=0.5%)		W	475	-5%	481						41.2A	
V/R MIN S/N RATIO	80 kHz LPF	dB			36							
	A-WEIGHT	dB			69							
4Ω THD 1W	80 kHz LPF	%			-							
	A-WEIGHT	%			-							
INPUT SENSITIVITY	MAX	mV	225~270		248							
	MIN	V	6.5~7.5		6.95							
DAMPING FACTOR		N/A	80	65	88.8							(43.9V / 44.4V)
SEPARATION		dB			-							
FREQUENCY RESPONSE	-1 dB	kHz			-							
	-3 dB	kHz			-							
CHANNEL BALANCE		dB			-							
HPF (-3dB)		Hz	30~250(±20%)		29~245							
LPF (-3dB)		Hz										
LPF/BASS BOOST		dB										
SUB SONIC FILTER		Hz	20~50(±20%)		20~47							
2Ω ST THD RATED POWER	80 kHz LPF	%	0.75	1	0.54							
	A-WEIGHT	%			0.25							
2Ω ST RATED POWER(THD=1%)		W	800	-5%	810						74A	
4Ω BRG THD RATED POWER	80 kHz LPF	%			-							
	A-WEIGHT	%			-							
4Ω BRG RATED POWER		W			-						A	
1Ω ST THD RATED POWER	80 kHz LPF	%	1	1.5	0.8							
	A-WEIGHT	%			0.34							
1Ω ST RATED POWER(THD=1.5%)		W	1250	-10%	1255						131A	

☞Open Point

☞Reason

☞Measures

☞Complementary measures

RESULT

PASS

C6008-02(A)