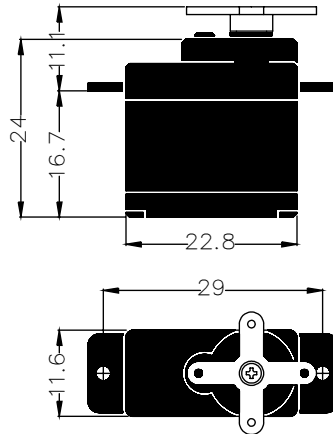


REVISIONS			
SYM.	DATE	APPROVED BY	DESCRIPTION
△			

GENERAL SPECIFICATION OF HS-55+ LITE SERVO

1. TECHNICAL VALUES		
CONTROL SYSTEM	:+PULSE WIDTH CONTROL 1500usec NEUTRAL	
OPERATING VOLTAGE RANGE	:4.8V TO +6.0V	
OPERATING TEMPERATURE RANGE	:-20°C TO +60°C	
TEST VOLTAGE	:AT 4.8V	AT 6.0V
OPERATING SPEED	:0.19sec/60° AT NO LOAD	0.16sec/60° AT NO LOAD
OPERATING TORQUE	:1kg.cm(13.88oz.in)	1.2kg.cm(16.66oz.in)
OPERATING ANGLE	:40°/ONE SIDE PULSE TRAVELING 400usec	
DIRECTION	:CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec	
IDLE CURRENT	:5.4mA	5.5mA
RUNNING CURRENT	:150mA/60° AT NO LOAD RUNNING	180mA/60° AT NO LOAD RUNNING
DEAD BAND WIDTH	:5usec	
CONNECTOR WIRE LENGTH	:360mm(14.17in)	
DIMENSIONS	:22.8x11.6x24mm(0.89x0.45x0.94in)	
WEIGHT	:8g(0.28oz)	



2. FEATURES
 HYBRID I.C
 LOW WEIGHT
 TWO ADJUSTABLE SPLINED HORNS

3. APPLICATIONS
 SMALL PLANES
 GLIDERS
 ELECTRIC HELI

PART NO.	PART NAME	PART SPECIFICATION	MATERIAL	FINISH	TREATMENT	QUANTITY	
TOLERANCES NOT OTHERWISE SPECIFIED		APPROVALS	DATE	DWG. SIZE A4	HITEC RCD KOREA, INC.		
FRACTIONAL		APPROVED BY		SCALE 1/1	TITLE		
DECIMAL		CHECKED BY			SPECIFICATION		
ANGLES		DESIGNED BY JUN HEE, LEE	JAN 20, 2003	UNIT mm			
CONCENTRICITY				MODEL NO. HS-55\M+38	DWG. NO. 32BHJ1148	REF. NO.	SHEET OF