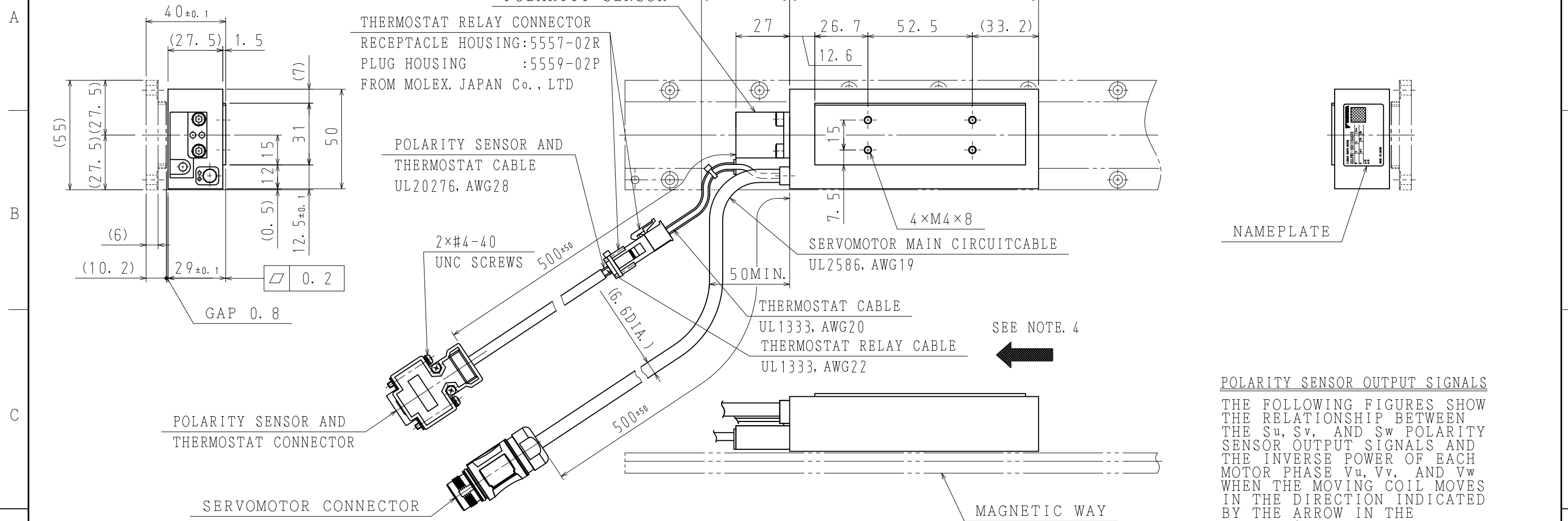
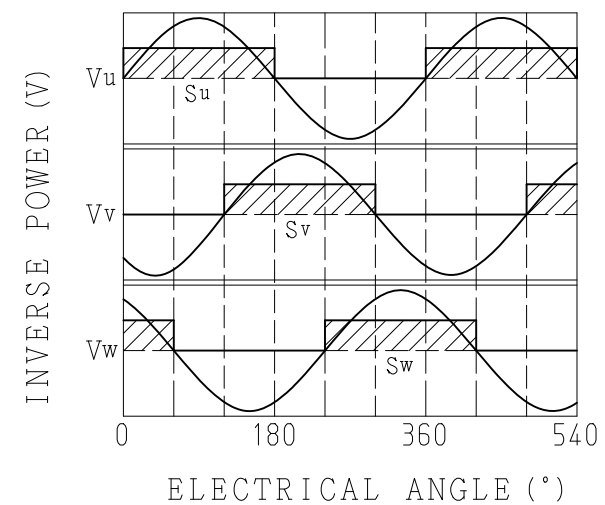


DWG. NO. 900-165-530

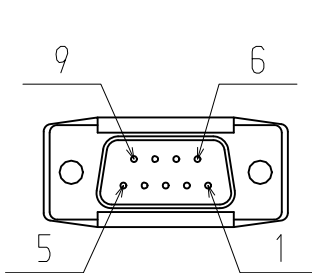


POLARITY SENSOR OUTPUT SIGNALS

THE FOLLOWING FIGURES SHOW THE RELATIONSHIP BETWEEN THE Su, Sv, AND Sw POLARITY SENSOR OUTPUT SIGNALS AND THE INVERSE POWER OF EACH MOTOR PHASE Vu, Vv, AND Vw WHEN THE MOVING COIL MOVES IN THE DIRECTION INDICATED BY THE ARROW IN THE DIMENSIONAL DRAWINGS OF THE MOVING COIL.

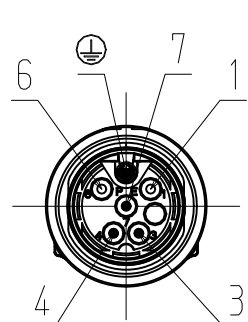


POLARITY SENSOR AND THERMOSTAT CONNECTOR SPECIFICATIONS



PIN NO.	SIGNAL
1	+5V (THERMOSTAT) +5V (POWER SUPPLY)
2	Su
3	Sv
4	Sw
5	0V (POWER SUPPLY)
6	-
7	-
8	-
9	THERMOSTAT

SERVOMOTOR CONNECTOR SPECIFICATIONS



PIN NO.	SIGNAL
1	-
3	PHASE U
4	PHASE V
6	-
7	PHASE W
⊕	F G
CASE	SHIELD

CONNECTOR: ST-5EP1N8A9003S (1607706)
CONTACT: ST-10KP030 (1618261)
FROM PHOENIX CONTACT GMBH & CO. KG

PIN CONNECTOR: 17JE-23090-02 (D8C) -CG
FROM DDK LTD.
MATING CONNECTOR

SOCKET CONNECTOR: 17JE-13090-02 (D8C) A-CG
STUDS: 17L-002C OR 17L-002C1

MOVING COIL MODEL	RATED FORCE [N]	PEAK FORCE [N]	APPROX. MASS [kg]	CHARACTERISTICS
SGLFW2-30D120AS1E	90	270	1.0	900-119-124

NOTES

- ALL DIMENSIONS ARE IN mm.
- THIS DRAWING IS FOR COIL ASSEMBLY ONLY.
- MOTOR MATING CONNECTOR AND POLARITY SENSOR MATING CONNECTOR ARE NOT INCLUDED.
- THE MOVING COIL MOVES IN THE DIRECTION INDICATED BY THE ARROW WHEN CURRENT FLOWS IN THE FOLLOWING PHASE SEQUENCE: U, V, W.

	SCALE 1 : 2	DRAW. 14-11-20	T. Imai	TITLE DIMENSION OF LINEAR SERVOMOTOR	DWG. NO. 900-165-530	REV.
		CHECK.	K. Watanabe	SGLFW2-30D120AS1E		
		APPR.	K. Shiraishi			
					SIZE A3	