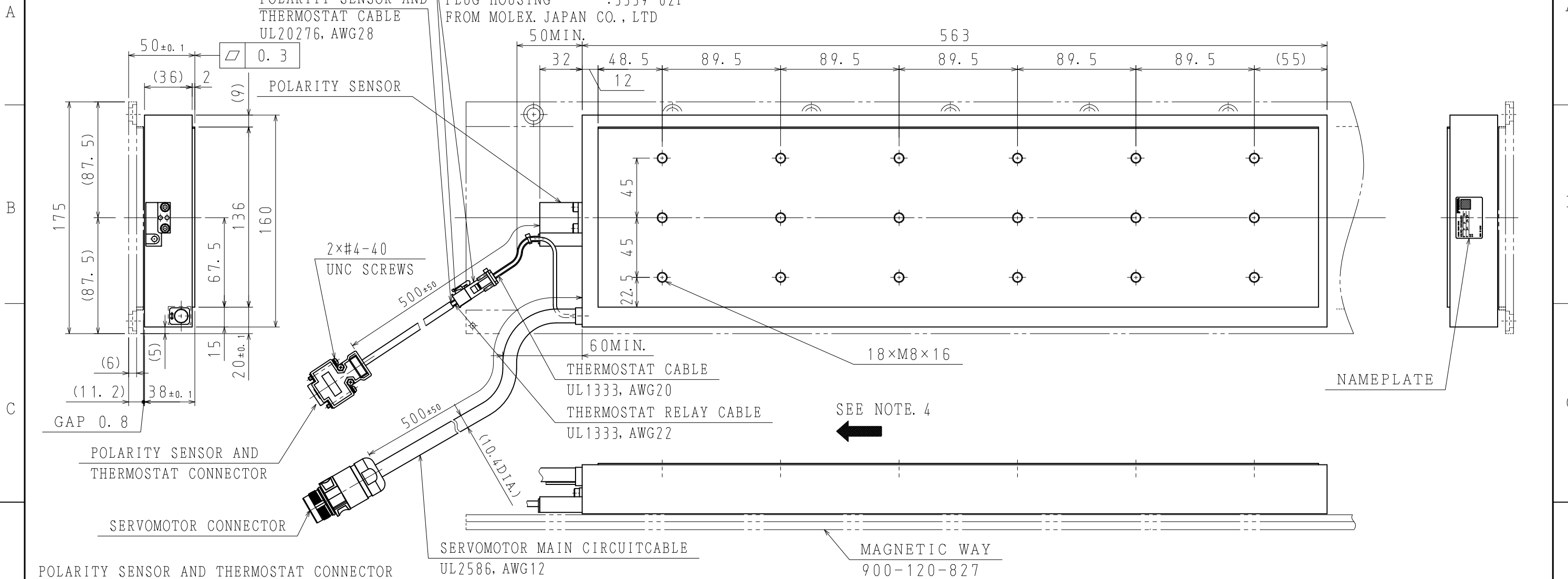


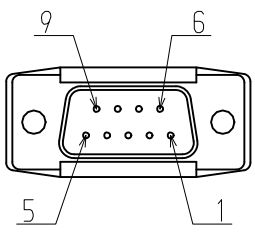
DWG. NO. 900-165-538

POLARITY SENSOR AND THERMOSTAT CABLE UL20276, AWG28

THERMOSTAT RELAY CONNECTOR RECEPTACLE HOUSING: 5557-02R PLUG HOUSING : 5559-02P FROM MOLEX. JAPAN CO., LTD

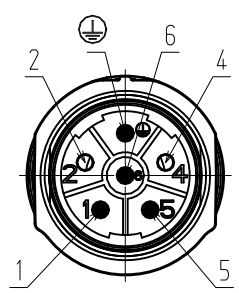


POLARITY SENSOR AND THERMOSTAT CONNECTOR SPECIFICATIONS



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

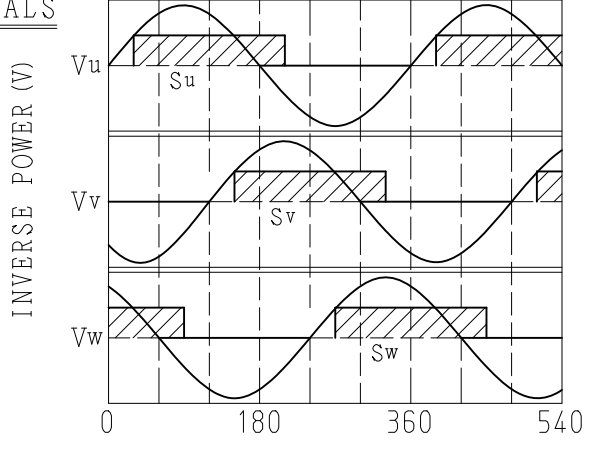


PIN NO.	SIGNAL
1	PHASE V
2	-
4	-
5	PHASE U
6	PHASE W
⊕	F G
CASE	SHIELD

CONNECTOR: SF-5EP1N8A90A2 (1605496)
CONTACT: SF-7MP2000 (1605626)
FROM PHOENIX CONTACT GMBH & CO. KG

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.



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.

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
SGLFW2-1DD560AS1E	2520	7560	21.5	900-126-493

	SCALE 1 : 3	DRAW. 14-11-20 CHECK. APPR.	T. Imai K. Watanabe K. Shiraishi	TITLE DIMENSION OF LINEAR SERVOMOTOR SGLFW2-1DD560AS1E	DWG. NO. 900-165-538	REV.