

DWG. NO. 900-165-534

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

POLARITY SENSOR

50MIN. 205
 32 48.5 89.5 (55)
 12

POLARITY SENSOR AND
 THERMOSTAT CABLE
 UL20276, AWG28

2x#4-40
 UNC SCREWS

60MIN.
 THERMOSTAT CABLE
 UL1333, AWG20

THERMOSTAT RELAY CABLE

UL1333, AWG22

SERVOMOTOR MAIN CIRCUIT CABLE

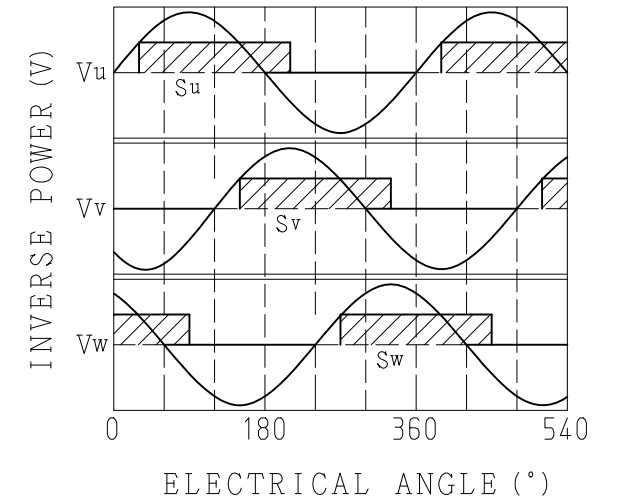
UL2586, AWG12

SEE NOTE. 4

NAMEPLATE

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.



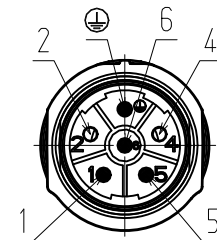
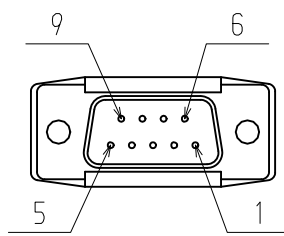
SERVOMOTOR CONNECTOR SPECIFICATIONS

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 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



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
SGLFW2-90D200AS1E	560	1680	5.3	900-126-365

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.

A
B
C
D
E
F

A
B
C
D
E
F



DRAW. 14-11-20 T. Imai
 CHECK. K. Watanabe
 APPR. K. Shiraishi

TITLE DIMENSION OF LINEAR SERVO MOTOR

SGLFW2-90D200AS1E

DWG. NO.

900-165-534

REV.

SIZE A3

1 2 3 4 5 6 7 8