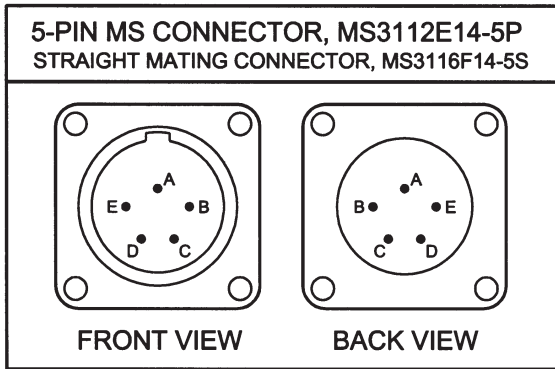
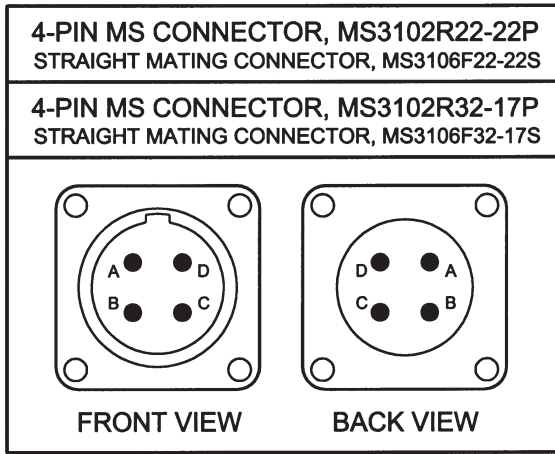


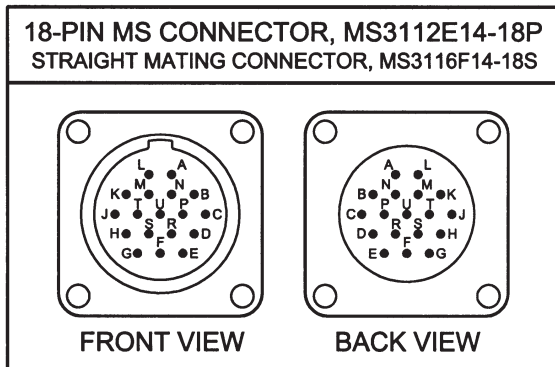
# BRUHLESS SERVO MOTOR MS CONNECTOR WIRING DATA



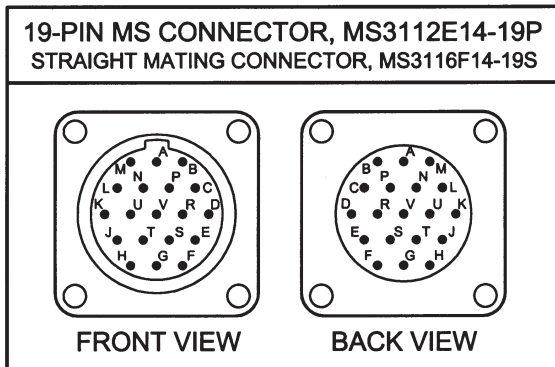
MS CONNECTOR MS3112E14-5P	MOTOR POWER
PIN #	FUNCTION
A	PHASE R
B	PHASE S
C	PHASE T
D	CASE GROUND



MS CONNECTOR MS3102R22-22P / MS3102R32-17P	MOTOR POWER
PIN #	FUNCTION
A	PHASE R
B	PHASE S
C	PHASE T
D	CASE GROUND



MS CONNECTOR MS3112E14-18P	RESOLVER
PIN #	FUNCTION
A	N/C
B	N/C
C	N/C
D	N/C
E	REFERENCE
F	SINE GROUND
G	COSINE GROUND
H	SINE
J	RESOLVER SHIELD
K	BRAKE +
L	BRAKE -
M	N/C
N	TEMP. SWITCH
P	N/C
R	REFER. GROUND
S	COSINE
T	N/C
U	TEMP. SWITCH



MS CONNECTOR MS3112E14-19P	ENCODER WITH COMMUTATION TRACKS
PIN #	FUNCTION
A	TEMP. SWITCH
B	TEMP. SWITCH
C	ENCODER SHIELD
D	ENCODER +5 VDC
E	ENCODER COMMON
F	CHANNEL A+
G	CHANNEL A-
H	CHANNEL B+
J	CHANNEL B-
K	CHANNEL Z+
L	CHANNEL Z-
M	COMM. TRACK S1+
N	COMM. TRACK S1-
P	COMM. TRACK S2+
R	COMM. TRACK S2-
S	COMM. TRACK S3+
T	COMM. TRACK S3-
U	BRAKE +
V	BRAKE -

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