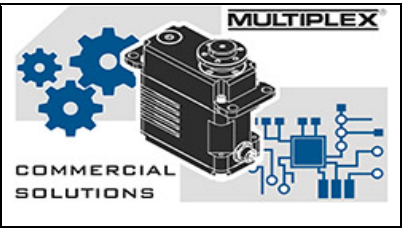




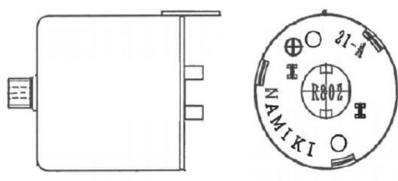
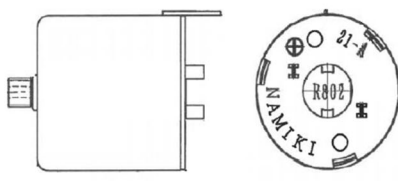
Product Change Notification



TITLE	Motor & Parameter Change
DATE	2023.12.18
VALID FROM	1st quarter of 2024
AFFECTED PRODUCT(S)	HS-7980TH, HS-M7990TH, D980TW, D980CR, MD980TW, MD980TW-RS485
Please note: This change also affect all customized products based on affected products	

CHANGE

- Motor & Parameter Change

Before change	After change
No change in appearance of servo and its motor	
	
<p>Previous version Motor</p> <ul style="list-style-type: none"> - Consumes draw more current at lower voltages than our original specification - Due to this issue, we hold the production of some servos for many months 	<p>New version Motor</p> <ul style="list-style-type: none"> - Consumes draw normally and meet our specification - We can be able to resume production plans for those models gradually now

REMARKS

- Even if the change is applied, please note that the previous version of the stock would be shipped for a certain period.

TOPIC	Motor changed (identical in construction)
EXPLANATION	Due to the current issue, the new version motor and parameter are applied.
RISK ASSESSMENT	No negative effect to the function or quality of the device The customer's control parameters may need to be adjusted.
BENEFIT	The peak current at lower voltage is reduced, the motor heats up less

	Name	Role	Date
Written by	M. Steinmetz	Tech. sales	2023.12.18
Reviewed by	Lauber	Technical dept.	2024-02-12
Approved	Lauber	Technical dept.	2024-02-12

THIS DOCUMENT IS VALID WITHOUT A SIGNATURE

