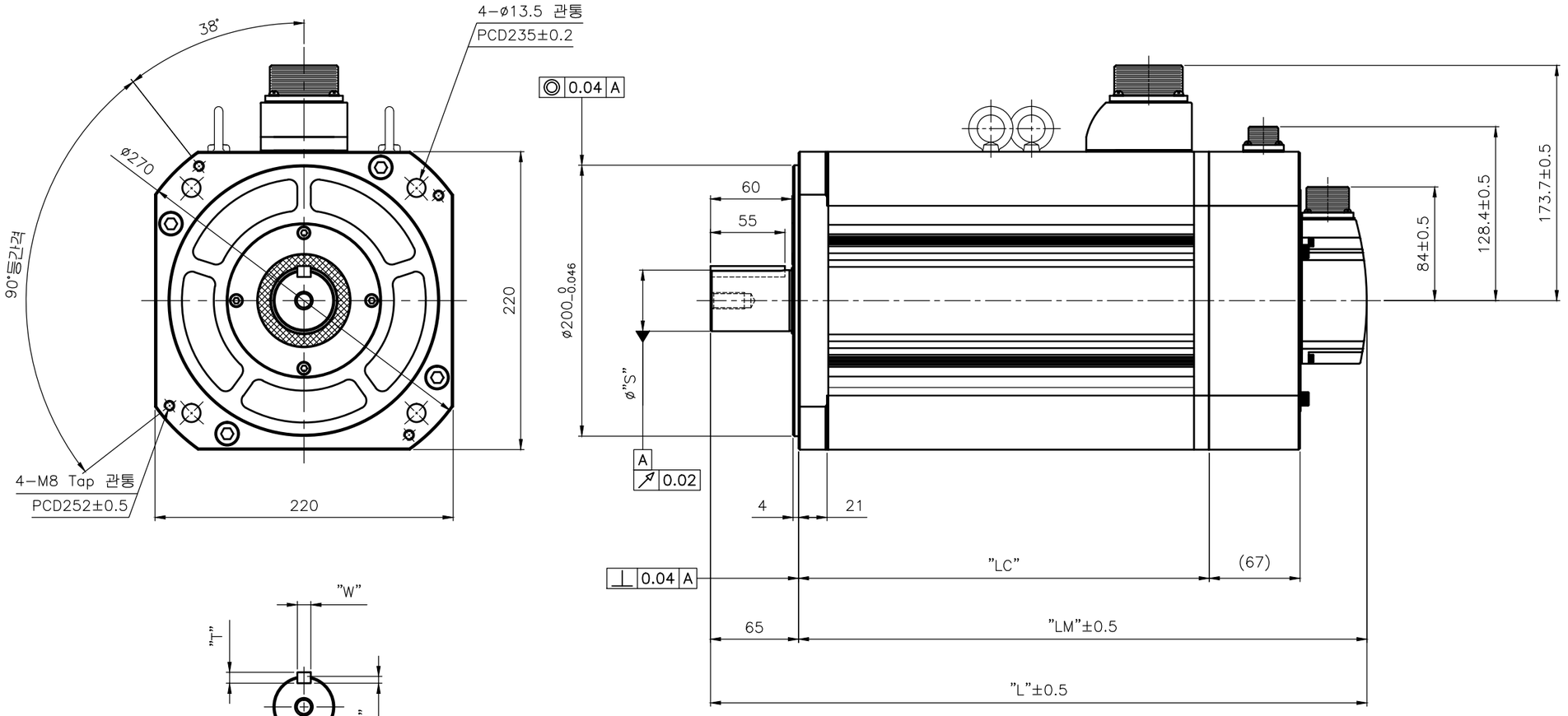
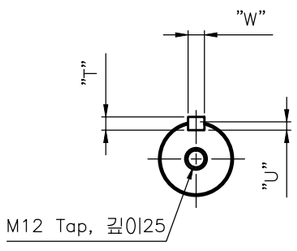
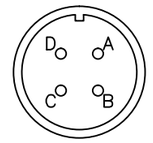
소 요 수 QTY				품 번 ITEM	품 명 DESCRIPTION	재 질 MATERIAL	규 격 SPECIFICATION	비 고 REMARK
			G01					
			1	01	Out Line		APM-FG110D/FG85G/FG60MMK3	Key, Brake, OilSeal Type





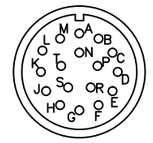
<Shaft Dimensions>



MS3102A32-17P
(4 pole plug)

<Power Connector 핀 배열>

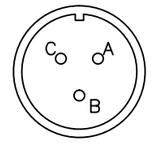
Pin No.	Phase
A	U
B	V
C	W
D	FG



MS3102A20-29P
(17 pole plug)

<Encoder Connector 핀 배열>

Pin No.	Encoder Phase	Pin No.	Encoder Phase
A	MA	M	–
B	$\overline{MA}$	N	–
C	SLO	P	–
D	$\overline{SLO}$	R	–
E	VDD_B	H	+5V
F	GND_B	G	0V
K	–	J	SHIELD
L	–		



MS3102A14S-7P
(3 pole plug)

<Brake Connector 핀 배열>

Pin No.	Phase
A	BK+
B	BK-
C	–

군 번	Part No.	모델명	외형치수 L	LM	LC	S	Key 치수 T	W	U
G01	47161268	APM-FG110DMK3	484.7	419.7	303.2	45 $^{0}_{-0.016}$	8	10	5
	47161275	APM-FG85GMK3							
	47161290	APM-FG60MMK3							

무지정 공차	
치수 구분	기본 공차
~3mm 이하	±0.10
3~6mm 이하	±0.12
6~10mm 이하	±0.15
10~18mm 이하	±0.18
18~30mm 이하	±0.21
30~50mm 이하	±0.25
50~80mm 이하	±0.30
80~120mm 이하	±0.35
120~180mm 이하	±0.40
180~250mm 이하	±0.46
250~315mm 이하	±0.52
315~400mm 이하	±0.57
400~500mm 이하	±0.63
500mm 초과	±0.70

개정 CHANGE	1	2	3	4	5
0					

LS Mecapion

삼 각 법 3RD ANGLE PROJECTION	척 도 SCALE	제 품 명 PRODUCT NAME	AP22 Servo Motor
	1/1 , N.S		
단 위 UNIT	일 자 DATA	도면명칭 TITLE	Out Line (Key, Brake, OilSeal Type)
MM	2018.11.01		

설 계 DESIGNED	검 도 CHECKED	승 인 APPROVED	도면번호 DWG. NO.	FM22GA007-2	1/1
-			참조도면 REF. NO.		Ver 1.0