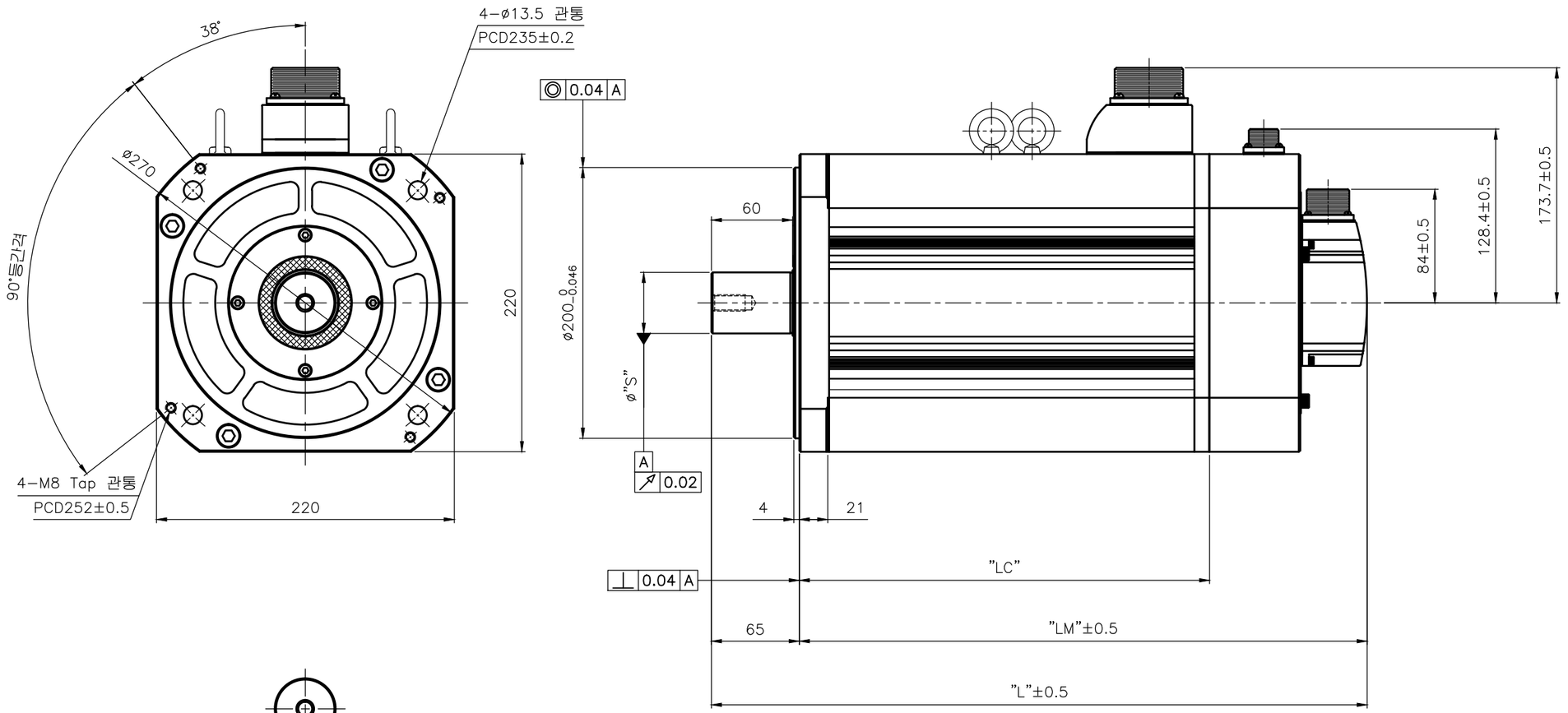
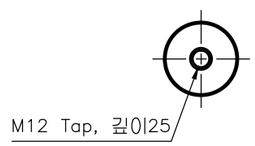
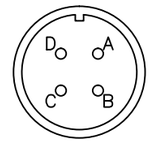
소 요 수 QTY				품 번 ITEM	품 명 DESCRIPTION	재 질 MATERIAL	규 격 SPECIFICATION	비 고 REMARK
			G01					
			1	01	Out Line		APM-FG110D/FG85G/FG60MMN3	무Key, Brake, OilSeal Type





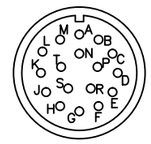
<Shaft Dimensions>



MS3102A32-17P
(4 pole plug)

<Power Connector 핀 배열>

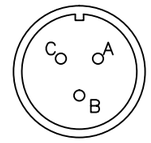
Pin No.	Phase
A	U
B	V
C	W
D	FG



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
G01	미정	APM-FG110DMN3	484.7	419.7	303.2	45 0 -0.016
	미정	APM-FG85GMN3				
	미정	APM-FG60MMN3				

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	
R0	
1	
2	
3	
4	
5	

LS Mecapion

삼각법 3RD ANGLE PROJECTION	척도 SCALE	제품명 PRODUCT NAME	AP22 Servo Motor
	1/1 , N.S		
단위 UNIT	일자 DATA	도면명칭 TITLE	Out Line (무Key, Brake, OilSeal Type)
MM	2018.11.01		
설계 DESIGNED	검도 CHECKED	승인 APPROVED	도면번호 DWG. NO. FM22GA008-2 1/1
-			참조도면 REF. NO. Ver 1.0