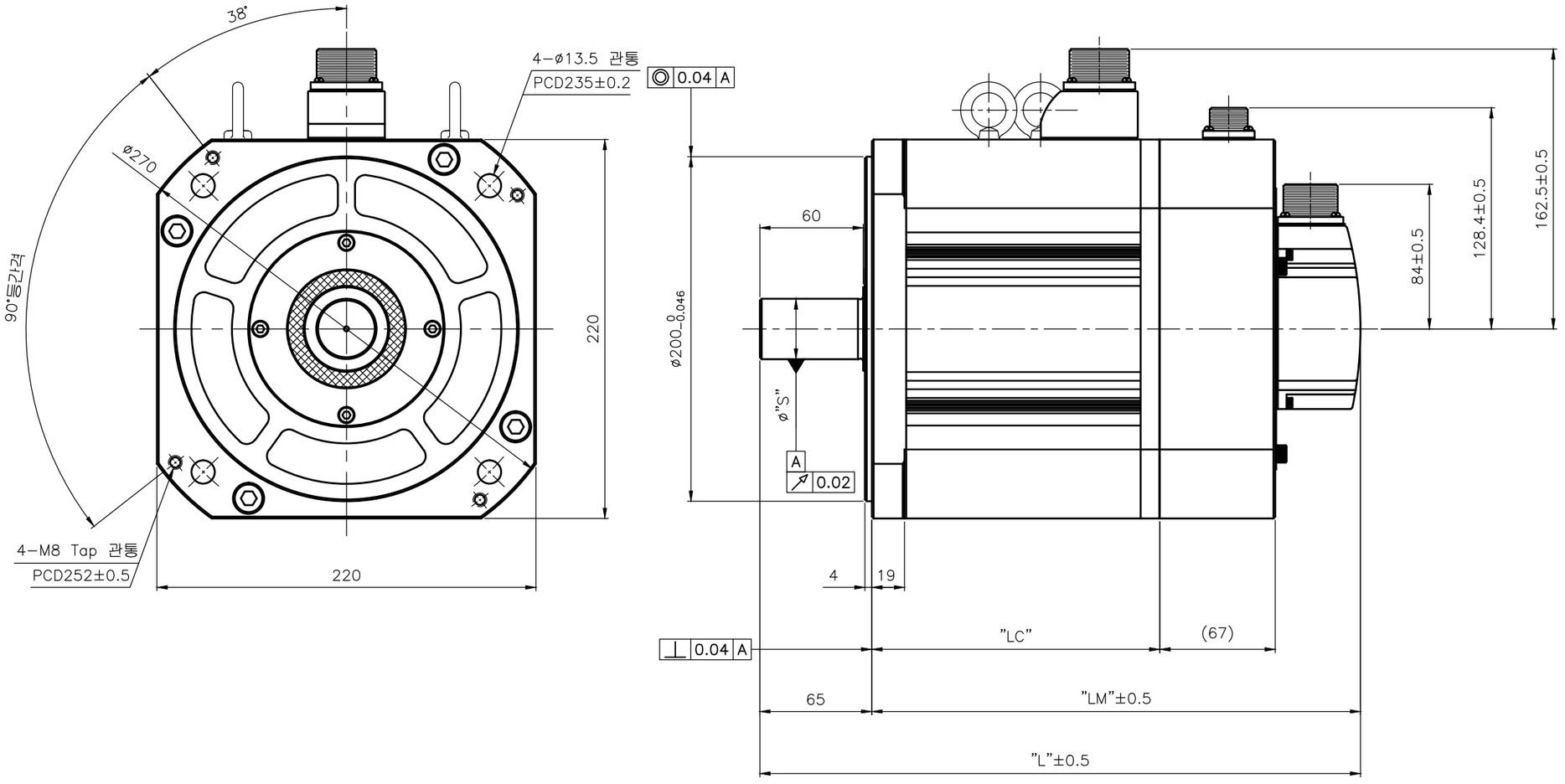
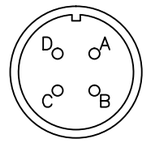
소요수 QTY				품번 ITEM	품명 DESCRIPTION	재질 MATERIAL	규격 SPECIFICATION	비고 REMARK
G04	G03	G02	G01					
			1	01	Out Line		APM-FG22D/FG20G/FG12MMN3	무Key, Brake, OilSeal Type
		1		02	Out Line		APM-FG35D/FG30G/FG20MMN3	무Key, Brake, OilSeal Type
	1			03	Out Line		APM-FG55D/FG44G/FG30MMN3	무Key, Brake, OilSeal Type
1				04	Out Line		APM-FG75D/FG60G/FG44MMN3	무Key, Brake, OilSeal Type

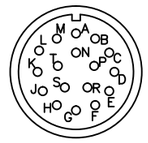




MS3102A22-22P
(4 pole plug)

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

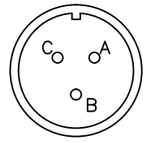
<Power Connector 핀 배열>



MS3102A20-29P
(17 pole plug)

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	-		

<Encoder Connector 핀 배열>



MS3102A14S-7P
(3 pole plug)

Pin No.	Phase
A	BK+
B	BK-
C	-

<Brake Connector 핀 배열>

군 번	Part No.	모델명	외형치수 L	LM	LC	S
G01	미정	APM-FG22DMN3	295.7	230.7	114.2	35 0 -0.016
	미정	APM-FG20GMN3				
	미정	APM-FG12MMN3				
G02	미정	APM-FG35DMN3	316.7	251.7	135.2	35 0 -0.016
	미정	APM-FG30GMN3				
	미정	APM-FG20MMN3				

군 번	Part No.	모델명	외형치수 L	LM	LC	S
G03	미정	APM-FG55DMN3	348.7	283.7	167.2	35 0 -0.016
	미정	APM-FG44GMN3				
	미정	APM-FG30MMN3				
G04	미정	APM-FG75DMN3	370.7	305.7	189.2	42 0 -0.016
	미정	APM-FG60GMN3				
	미정	APM-FG44MMN3				

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	
0	
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. FM22GA008-1 1/1
-			참조도면 REF. NO. Ver 1.0