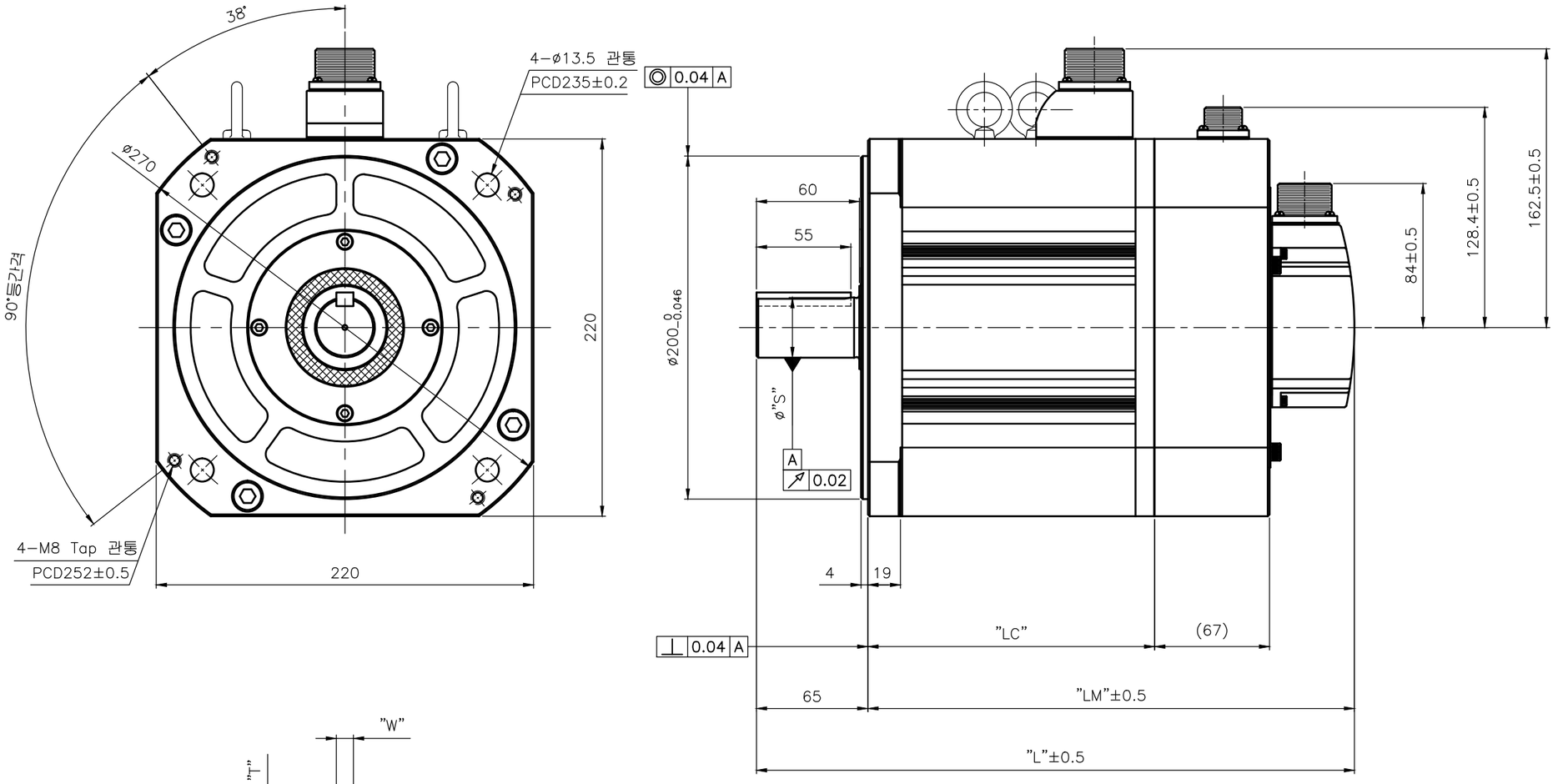
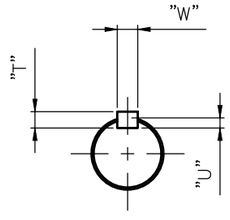
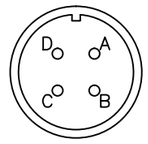
소요수 QTY				품번 ITEM	품명 DESCRIPTION	재질 MATERIAL	규격 SPECIFICATION	비고 REMARK
G04	G03	G02	G01					
			1	01	Out Line		APM-FGP22D/20G/12MMK3	Key, Brake, OilSeal Type
		1		02	Out Line		APM-FGP35D/30G/20MMK3	Key, Brake, OilSeal Type
	1			03	Out Line		APM-FGP55D/44G/30MMK3	Key, Brake, OilSeal Type
1				04	Out Line		APM-FGP75D/60G/44MMK3	Key, Brake, OilSeal Type





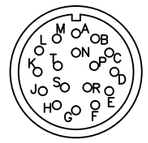
<Shaft Dimensions>



MS3102A22-22P
(4 pole plug)

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

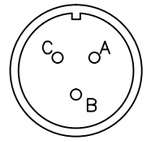
<Power Connector 핀 배열>



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>

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

군 번	Part No.	모델명	외형치수 L	LM	LC	S	Key 치수 T	W	U
G01	47160759	APM-FGP22DMK3	295.7	230.7	114.2	35 0 -0.016	8	10	5
	47160772	APM-FGP20GMK3							
	47160784	APM-FGP12MMK3							
G02	47160760	APM-FGP35DMK3	316.7	251.7	135.2	35 0 -0.016	8	10	5
	47160773	APM-FGP30GMK3							
	47160785	APM-FGP20MMK3							

군 번	Part No.	모델명	외형치수 L	LM	LC	S	Key 치수 T	W	U
G03	47160761	APM-FGP55DMK3	348.7	283.7	167.2	35 0 -0.016	8	10	5
	47160774	APM-FGP44GMK3							
	47160786	APM-FGP30MMK3							
G04	47160762	APM-FGP75DMK3	370.7	305.7	189.2	42 0 -0.016	8	12	5
	47160775	APM-FGP60GMK3							
	47160787	APM-FGP44MMK3							

개정 CHANGE	1	2	3	4	5
0					

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 (Key, Brake, OilSeal Type)
MM	2018.11.01		
설계 DESIGNED	검도 CHECKED	승인 APPROVED	도면번호 DWG. NO. FMP22GA007-1 1/1
-			참조도면 REF. NO. Ver 1.0