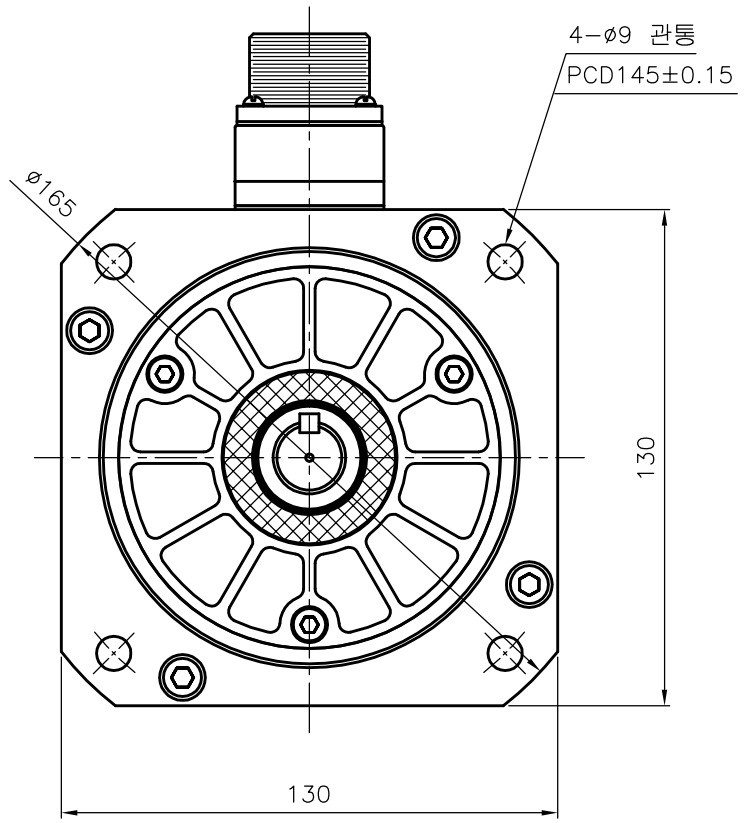
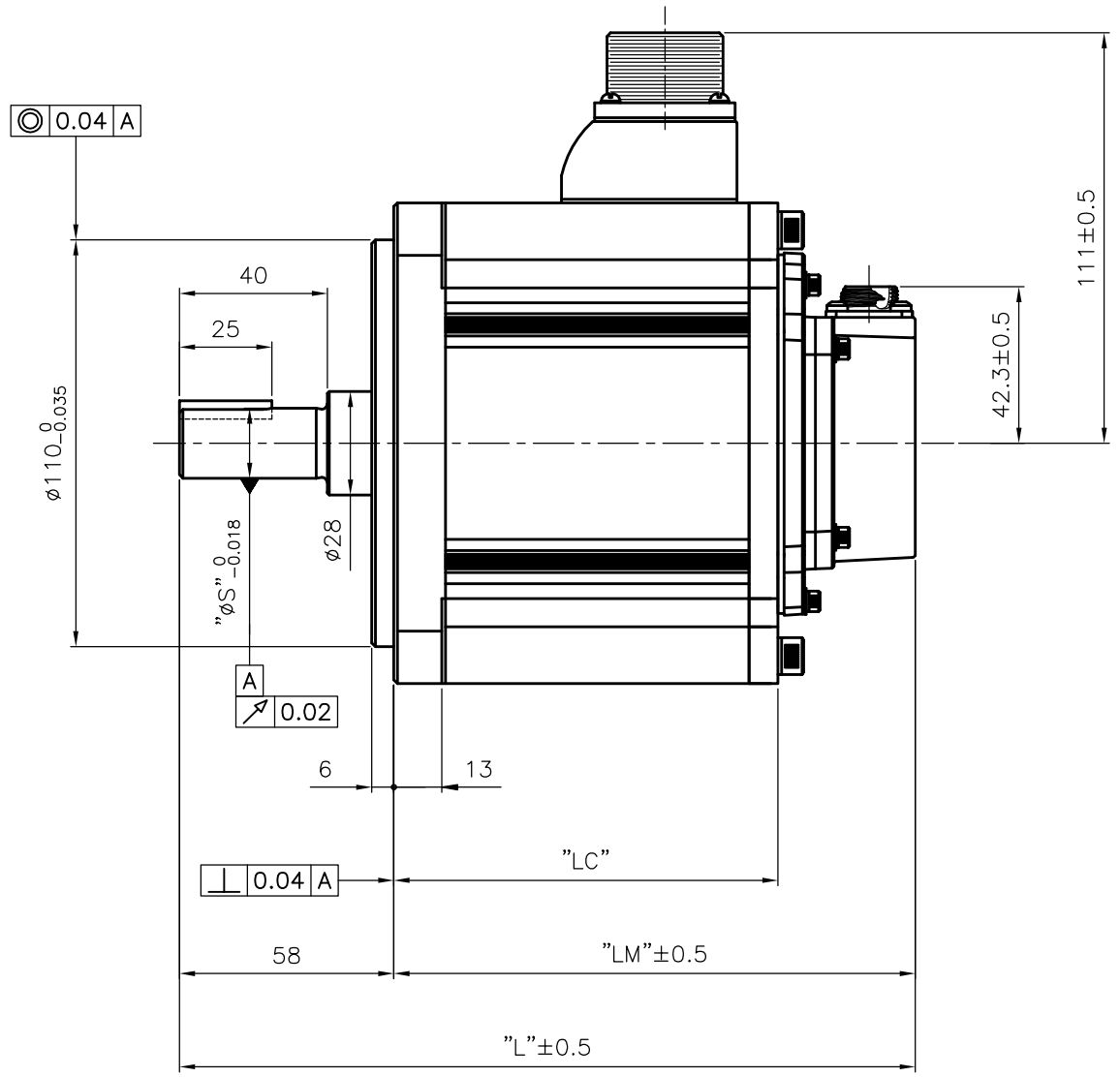
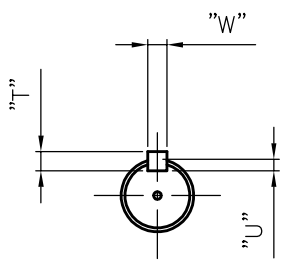
소 요 수 QTY				품 번 ITEM	품 명 DESCRIPTION	재 질 MATERIAL	규 격 SPECIFICATION	비 고 REMARK
G04	G03	G02	G01					
			1	01	Out Line		APM-EEP09A/06D/05G/03MM3K1	Key, OilSeal Type
		1		02	Out Line		APM-EEP15A/11D/09G/06MM3K1	Key, OilSeal Type
	1			03	Out Line		APM-EEP22A/16D/13G/09MM3K1	Key, OilSeal Type
1				04	Out Line		APM-EEP30A/22D/17G/12MM3K1	Key, OilSeal Type







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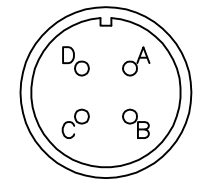
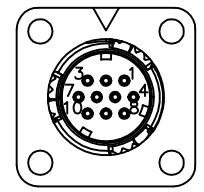


MS3102A20-4P
(4 pole plug)

<Power Connector 핀 배열>

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



SC-CMV1-R10PTG-4
(10 pole plug)

<Encoder Connector 핀 배열>

Pin No.	Encoder Phase	Pin No.	Encoder Phase
1	+5V	6	MA
2	0V	7	$\overline{MA}$
3	-	8	SLO
4	VDD_B	9	$\overline{SLO}$
5	GND_B	10	SHIELD

<외형 치수>

군 번	모델명	L	LM	LC	S	T	W	U	중량(kg)
G01	APM-EEP09AM3K1	181	123	85.8	19	5	5	3	4.7
	APM-EEP06DM3K1								
	APM-EEP05GM3K1								
	APM-EEP03MM3K1								
G02	APM-EEP15AM3K1	199	141	103.8	19	5	5	3	6.2
	APM-EEP11DM3K1								
	APM-EEP09GM3K1								
	APM-EEP06MM3K1								

군 번	모델명	L	LM	LC	S	T	W	U	중량(kg)
G03	APM-EEP22AM3K1	217	159	121.8	22	6	6	3.5	7.8
	APM-EEP16DM3K1								
	APM-EEP13GM3K1								
	APM-EEP09MM3K1								
G04	APM-EEP30AM3K1	235	177	139.8	24	7	8	4	9.4
	APM-EEP22DM3K1								
	APM-EEP17GM3K1								
	APM-EEP12MM3K1								

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

전0 개 CHANGE	1	2	3	4	5

LS Mecapion

삼 각 법 3RD ANGLE PROJECTION	척 도 SCALE	제 품 명 PRODUCT NAME	AP13 Servo Motor
	1/1 , N.S		
단 위 UNIT	일 자 DATA	도면명칭 TITLE	Out Line (Key, OilSeal Type)
MM	2023.04.06		

설 계 DESIGNED	검 도 CHECKED	승 인 APPROVED	도면번호 DWG. NO.	EMP13GA005	1/1
			참조도면 REF. NO.	Ver	1.0