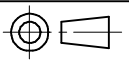
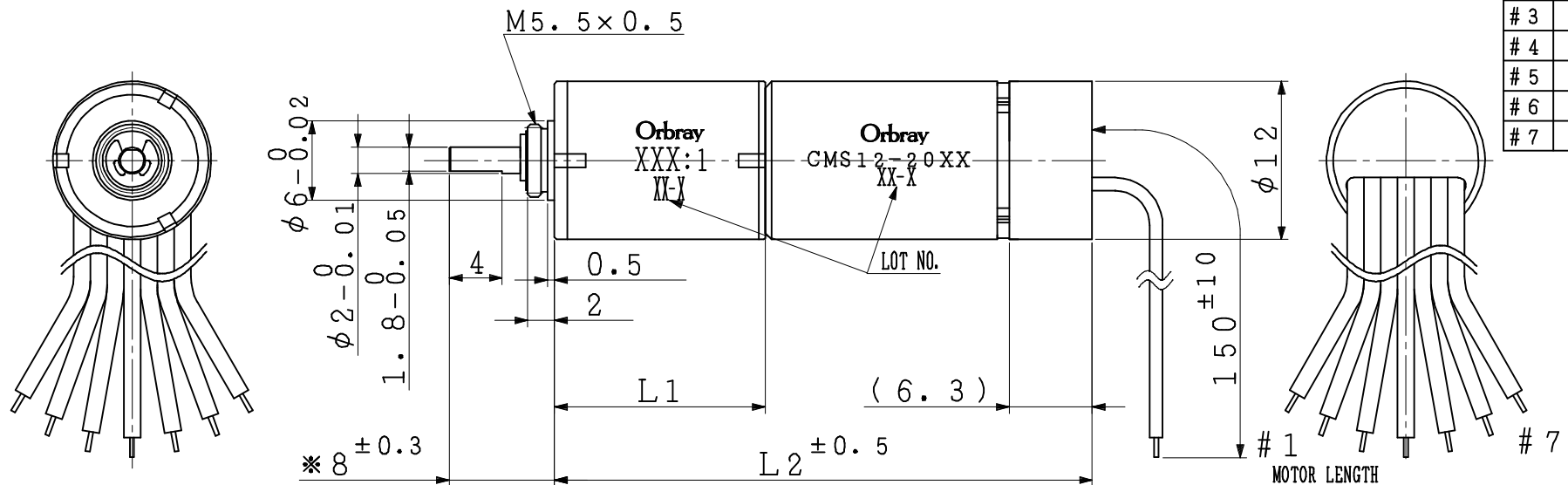


Orbray



OPTICAL ENCODER  
ELECTRICAL CONNECTIONS  
PULSE/REV

# 1	(MOTOR+)
# 2	V <sub>cc</sub> (DC5V±10%)
# 3	Ch. A
# 4	Ch. B
# 5	Ch. Z
# 6	GND
# 7	(MOTOR-)



GEAR RATIO	L1	L2
16	14	38.8
25	14	38.8
47	16	40.8
74	16	40.8
94	16	40.8
176	18	42.8
282	18	42.8

NOTE 1) MARKED(\*) IS OUTPUT SHAFT LENGTH MEASURED WHEN IT IS PUSHED TO MOTOR SIDE.  
\*印寸法は出力軸をモータ側に押しつけた時の値を示す。

2) LOT NO.  
EXAMPLE) JANUARY, 2018  
「18-A」  
JANUARY:A, FEBRUARY:B...DECEMBER:L  
1月:A、2月:B...12月:L  
「-」 :MADE IN THAILAND  
「-」有り :海外工場生産  
「-」NONE :MADE IN JAPAN  
「-」無し :国内工場生産  
THE END TWO DIGIT OF CHRISTIAN YEAR  
西暦年数末尾数字2桁

3) THE LEAD WIRE IS AWG28 UL4539.  
リード線はAWG28 UL4539を使用する。  
4) OUTSIDE DIAMETER IS NOT APPLIED TO THE CAULKING.  
外径寸法公差はカシメ部を除く。

TOLERANCE				△/×				
DIMENSION(±)			ANGLE	△/×				
	0	1	2	3				
L≤6	0.05	0.1	0.1	0.2	±1°			
6<L≤30	0.1	0.1	0.2	0.5				
30<L≤120	0.15	0.2	0.3	0.8				
120<L	0.2	0.3	0.5	1.2				
MATERIAL	FINISH	QTY.	SCALE	2/1	TYPE	CMS12-20 S 0		
			UNIT	1/1mm	TITLE	OUTLINE DRAWING		
APPD.	CHK.	DSGN.	DRW.	DWG.NO.				
				REF.NO.				
		15-Jan-18	15-Jan-18	CHK.NO.		REMARK	Rev. 00	