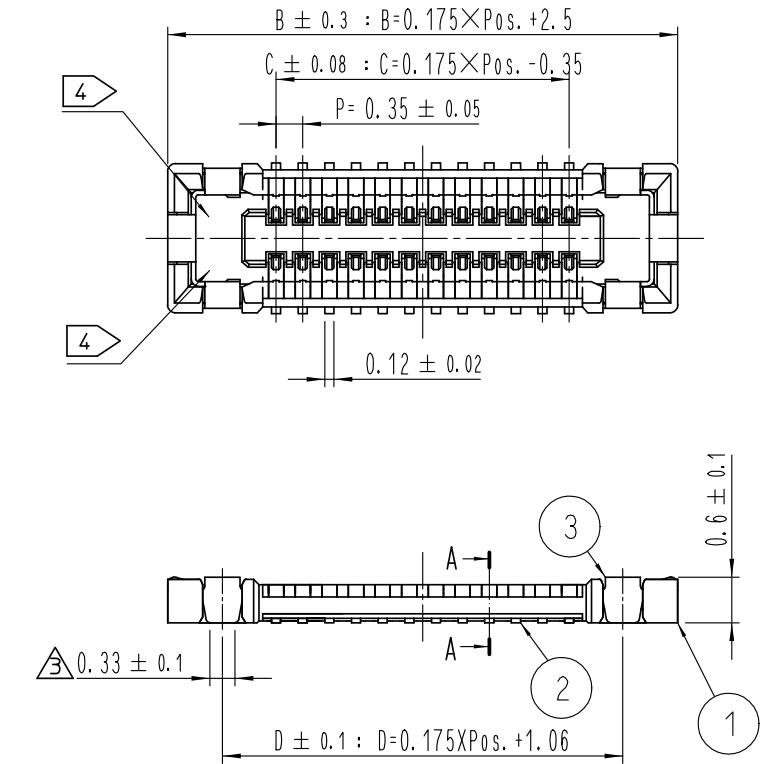


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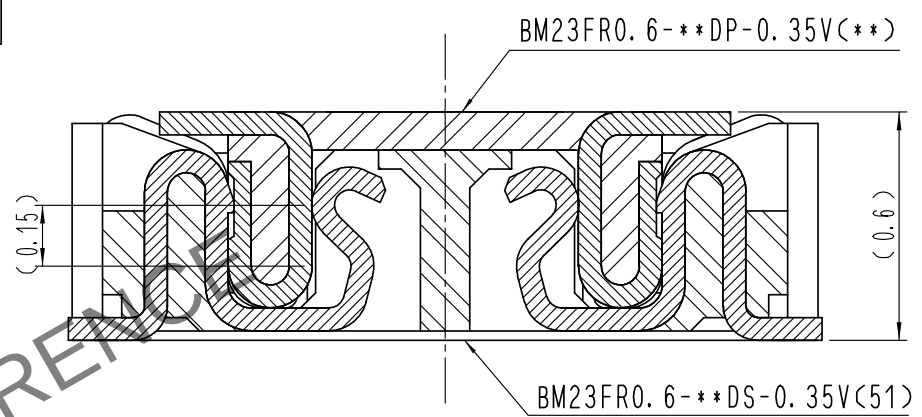
12345678

	COUNT	DESCRIPTION OF REVISIONS	B	Y	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	B	Y	CHKD	DATE
△	4	RE-6-0649	J.S.H	J.H.W		16. 05. 04	△						
△	3	RE-6-0774	J.S.H	J.H.W		16. 11. 07	△						
△	2	RE-6-1064	P.J.S	J.H.W		18. 01. 10	△						

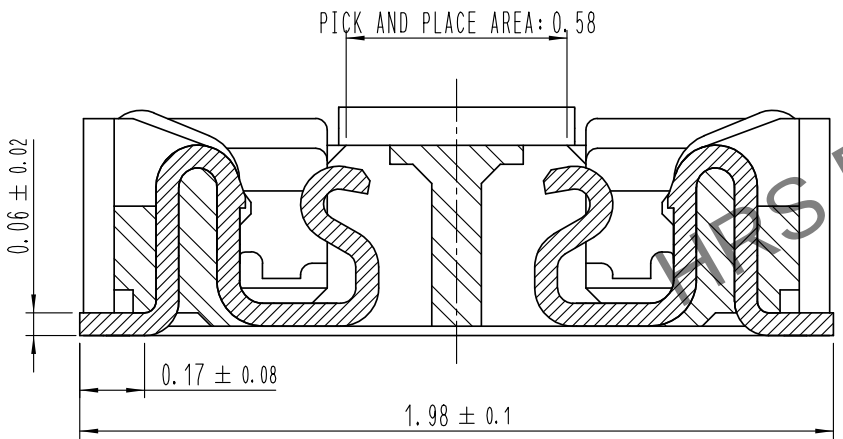


DRAWING FOR REFERENCE
This is subject to change without notice

ENGAGEMENT FIGURE (50:1)

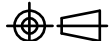


A-A (50:1)



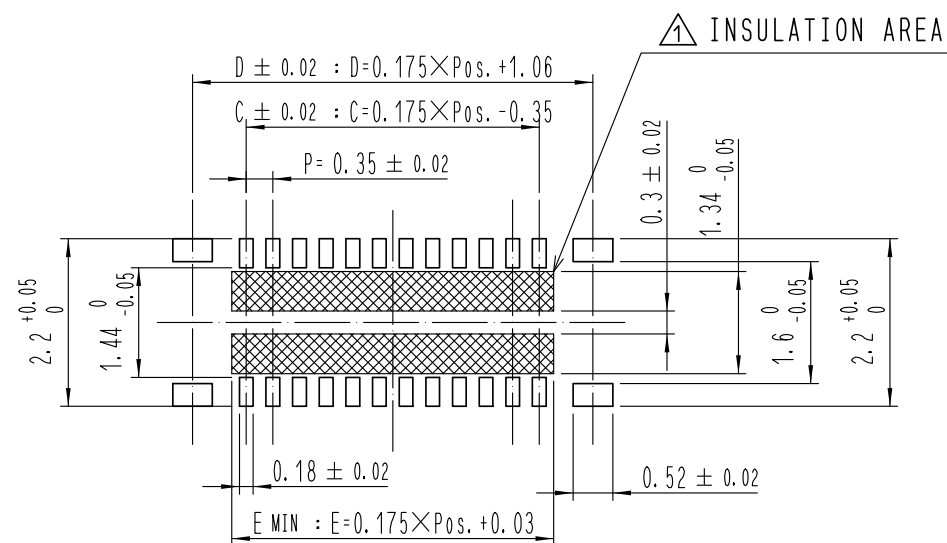
△ PART No.	CODE No.	POS.	B	C	D
BM23FR0.6-6DS-0.35V(51)	-	6	3.55	0.70	2.11
BM23FR0.6-8DS-0.35V(51)	-	8	3.90	1.05	2.46
BM23FR0.6-10DS-0.35V(51)	-	10	4.25	1.40	2.81
BM23FR0.6-12DS-0.35V(51)	-	12	4.60	1.75	3.16
BM23FR0.6-16DS-0.35V(51)	-	16	5.30	2.45	3.86
BM23FR0.6-20DS-0.35V(51)	-	20	6.00	3.15	4.56
BM23FR0.6-24DS-0.35V(51)	-	24	6.70	3.85	5.26
BM23FR0.6-30DS-0.35V(51)	-	30	7.75	4.90	6.31
BM23FR0.6-34DS-0.35V(51)	-	34	8.45	5.60	7.01
BM23FR0.6-40DS-0.35V(51)	-	40	9.50	6.65	8.06
BM23FR0.6-50DS-0.35V(51)	-	50	11.25	8.40	9.81

- NOTE
- 1. ALL LEAD CO-PLANARITY SHALL BE 0.1mm MAX.
 - 2. CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD 0.05μm MIN
SMT LEAD : GOLD 0.05μm MIN
UNDERPLATING : NICKEL 1μm MIN
(SURFACE : SEALING)
 - 3. MATAL FITTING PLATING SPECIFICATIONS
SMT LEAD : GOLD 0.05μm MIN
UNDERPLATING : NICKEL 1μm MIN
(SURFACE : SEALING)
 - 4. HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.

4	PS	CLEAR (EMBOSSED CARRIER TAPE)							
3	PHOSPHOR BRONZE	3		7	PS	CLEAR (REINFORCEMENT COLLAR)			
2	PHOSPHOR BRONZE	2		6	PS	BLACK (PLASTIC REEL)			
1	LCP	UL94 V-0, BLACK		5	POLYESTER	CLEAR (COVER TAPE)			
NO.	MATERIAL	FINISH , REMARKS		NO.	MATERIAL	FINISH , REMARKS			
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
					D. W. KIM 14. 11. 06	D. W. KIM 14. 11. 06	H. W. JO 14. 11. 06	T. S. KANG 14. 11. 06	18. 01. 10
CODE NO. (OLD)		DRAWING NO. EDC3-*****			PART NO. BM23FR0.6-**DS-0.35V(51)				
	SCALE 10:1								
	UNITS mm	 HIROSE KOREA CO., LTD.	CODE NO CL 66*-*****-***			1 3			

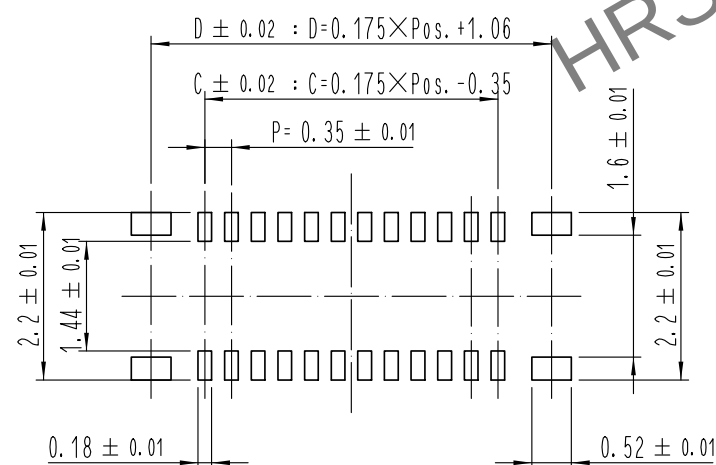
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6 RECOMMENDED PCB LAYOUT



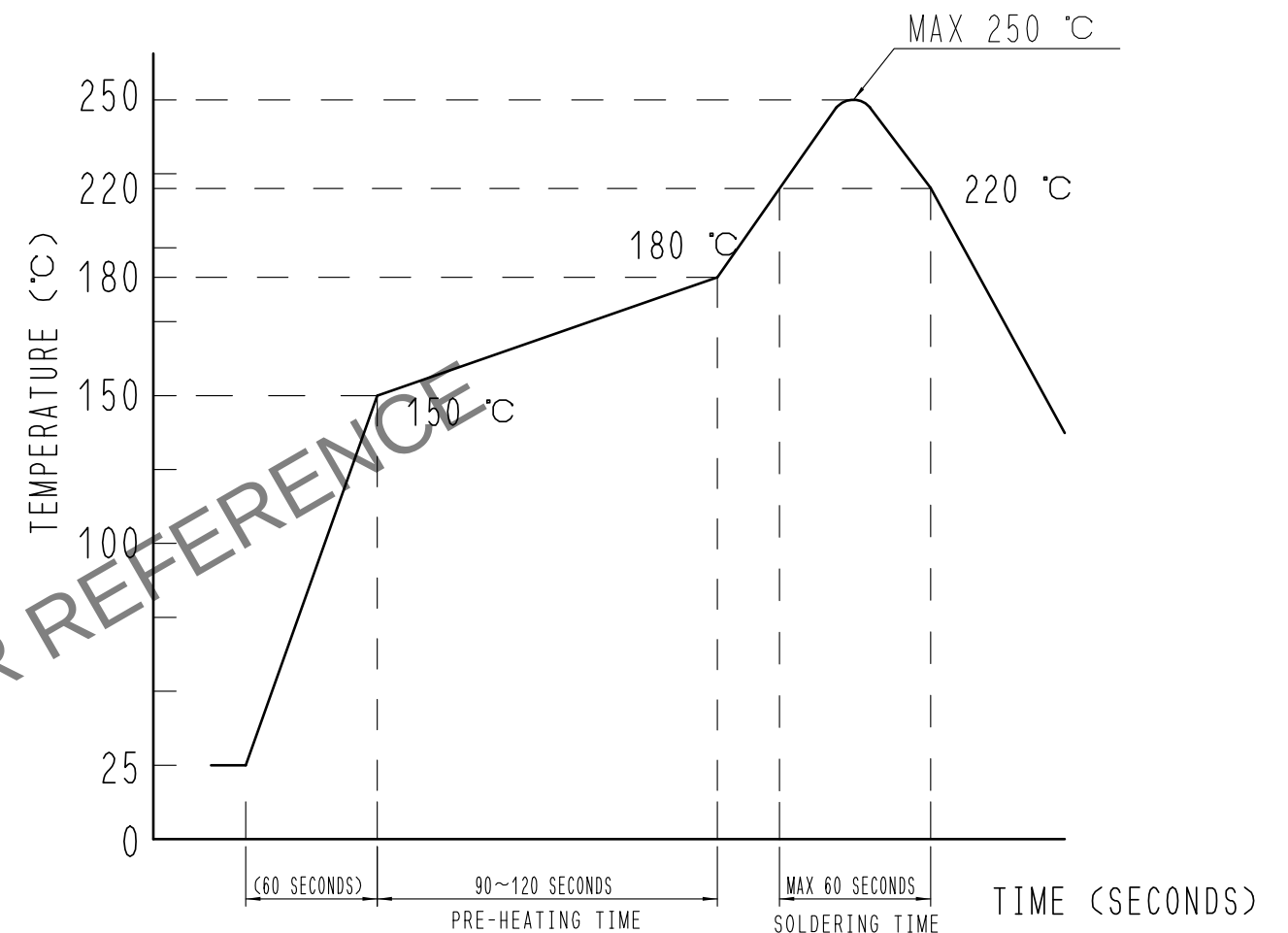
RECOMMENDED METAL MASK DIMENSIONS

MATAL MASK THICKNESS : $100 \mu\text{m}$



△ POS.	C	D	E
6	0.70	2.11	1.08
8	1.05	2.46	1.43
10	1.40	2.81	1.78
12	1.75	3.16	2.13
16	2.45	3.86	2.83
20	3.15	4.56	3.53
24	3.85	5.26	4.23
30	4.90	6.31	5.28
34	5.60	7.01	5.98
40	6.65	8.06	7.03
50	8.40	9.81	8.78

5 RECOMMENDED REFLOW TEMPERATURE PROFILE USING LEAD-FREE SOLDER PASTE.



REFLOW METHOD: IR REFLOW
NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.
1) REFLOW TIME
DURATION ABOVE 220°C, 60 SEC MAX.
(PEAK TEMPERATURE: 250°C MAX)
2) PRE-HEAT TIME
PRE-HEAT TEMPERATURE (MIN): 150°C
PRE-HEAT TEMPERATURE (MAX): 180°C
PRE-HEAT TIME: 90-120 SEC.

- 5 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE. ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE. THEREFORE, A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.
- 6 PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.

	DRAWING NO. EDC3-*****	PART NO. BM23FR0.6-**-DS-0.35V(51)
SCALE 10:1	HRS HIROSE KOREA CO., LTD.	CODE NO CL 66**-*****-***
UNITS mm		2/3

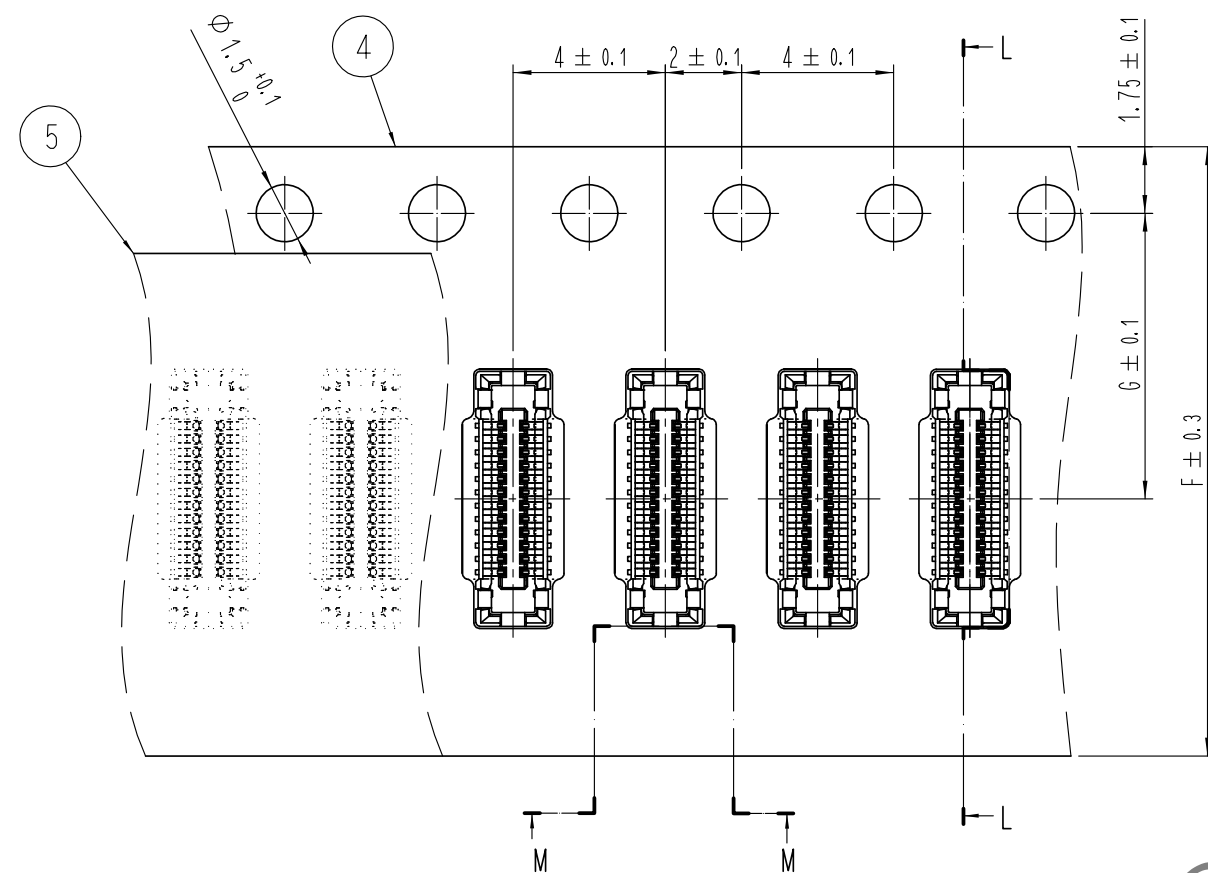
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EMBOSED CARRIER TAPE PACKAGING (5:1)

A
B
C
D
E
F

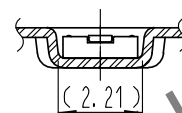
L-L (5:1)

△ STYLE AND DIMENTION OF REEL (FREE)



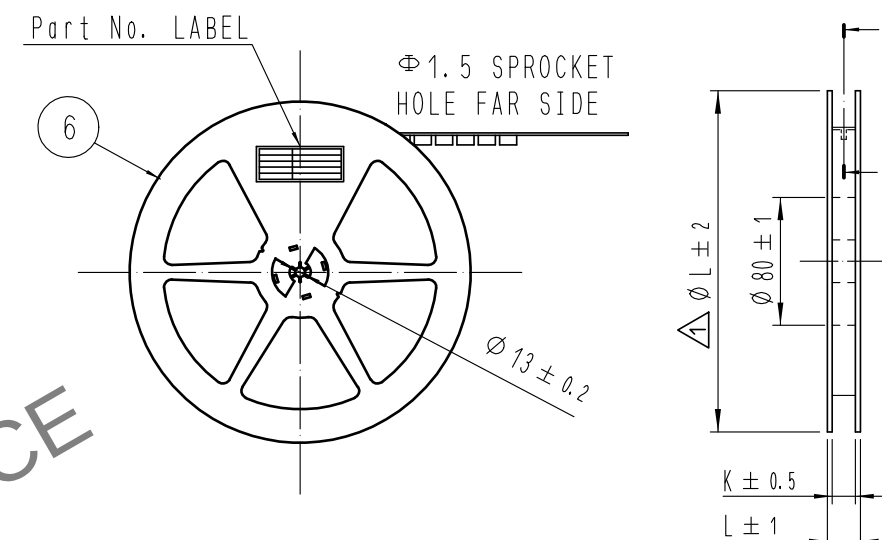
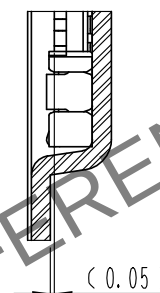
DIRECTION OF UNREELING

M-M (5:1)

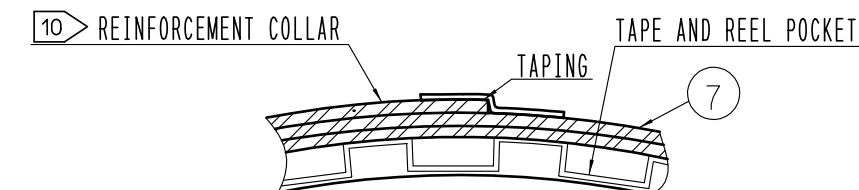


△ POS.	F	G	H	J	K	L
6	12	5.5	3.66	13.5	17.5	330
8	12	5.5	4.01	13.5	17.5	330
10	16	7.5	4.36	17.5	21.5	380
12	16	7.5	4.71	17.5	21.5	330
16	16	7.5	5.41	17.5	21.5	330
20	16	7.5	6.11	17.5	21.5	380
24	16	7.5	6.81	17.5	21.5	380
△ 30	24	11.5	7.86	25.5	29.5	330
34	24	11.5	8.56	25.5	29.5	380
40	24	11.5	9.61	25.5	29.5	330
50	24	11.5	11.36	25.5	29.5	330

N (10:1)



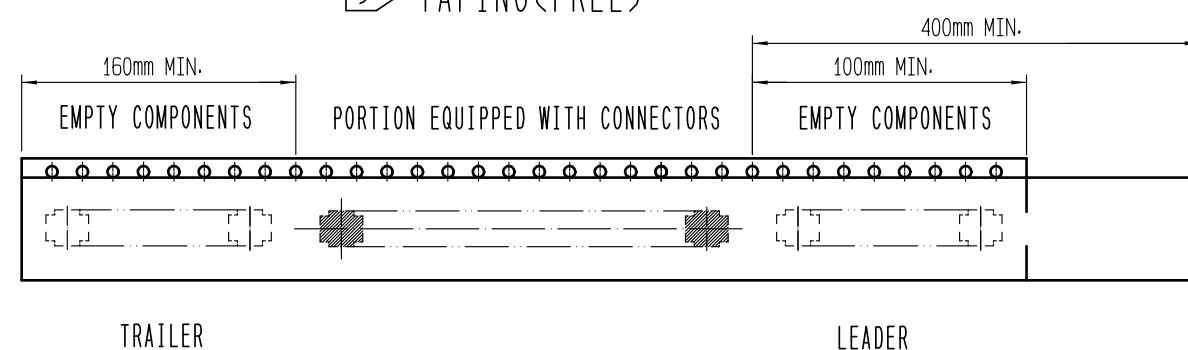
Q-Q (FREE)



△ DETAIL OF PART No. LABEL

LOT NO.	*****-**-***
CL NO.	CL ****-***** **
PRODUCT	PART NO BM23FR0.6-**-**DS-0.35V(51)
QUANTITY	Q'TY 10,000 PCS
SUPPLIER	HIROSE KOREA CO., Ltd.
RoHS H/F [®]	

9 TAPING(FREE)



- 7 . PER REEL 10,000 CONNECTORS.
8 . THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
9 REFER TO JIS C 0806, IEC-60286-3 (PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)
10 AFTER PACKAGING, ROLL 2 METERS OF THE REINFORCEMENT COLLAR TO OUTER CIRCUMFERENCE OF TAPE AND REEL POCKET. AND TAPE DOWN AT THE END THE COLLAR.

DRAWING NO.	EDC3-*****	PART NO.	BM23FR0.6-**-**DS-0.35V(51)
SCALE	10:1	CODE NO	CL 66**-*****-**-**
UNITS	mm		
HRS HIROSE KOREA CO., LTD.			

A
B
C
D
E
F