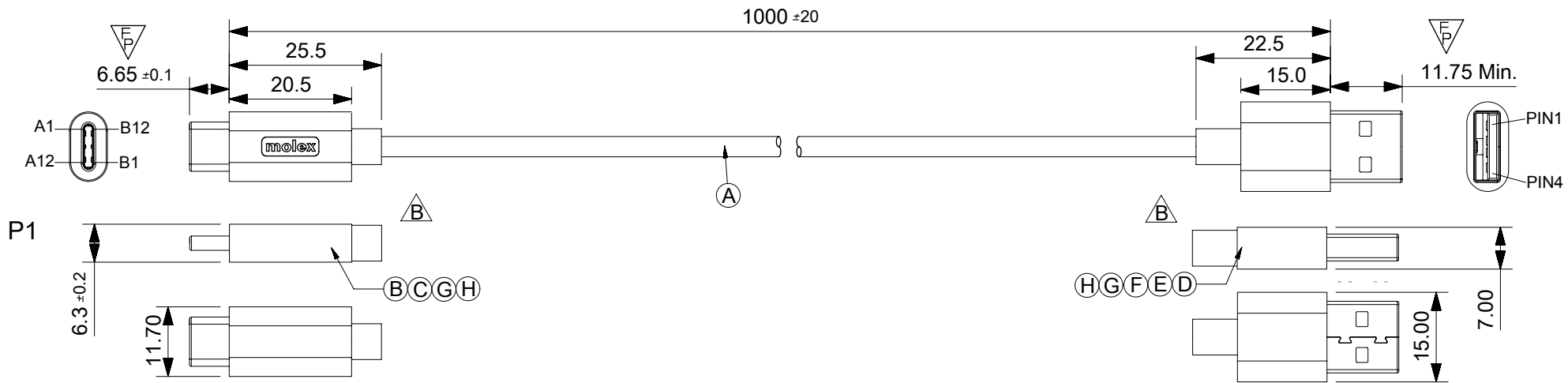


EC NO	DATE	REV	REVISION	CHANGER
NA	2018/8/25	A	INITIAL RELEASE	LUCY
622115	2019/08/09	B	CHANGE OVERMOLD DIMENSION FOR BOTH END & USB A 2.0 PLUG, CHANGE TO WHITE HOUSING FOR TYPE C PLUG	LUCY



PIN ASSIGNMENTS					
Type C	SIGNAL NAME	WIRE COLOR	USB 2.0	SIGNAL NAME	
A1,B1,A12,B12	GND	DRAIN	4	GND	
A4,B4,A9,B9	VBUS	RED	1	VBUS	
A5	CC	-	-	-	
A6	Dp1	GREEN	3	D+	
A7	Dn1	WHITE	2	D-	
SHELL	SHIELD	BRAID	SHELL	SHIELD	

H	TPE RESIN, WHITE,85A		A/R
G	PE RESIN FOR INNERMOLD		A/R
F	BOTTOM METAL SHELL FOR USB 2.0 A/M		1
E	UPPER METAL SHELL FOR USB 2.0 A/M		1
D	USB 2.0 A/M WHITE HOUSING PLATING 30u"		1
C	METAL SHELL FOR TYPE C PLUG		1
B	TYPE C PLUG, WHITE HOUSING,PLATING 30u" ,Rp 56kohm WITH Littelfuse Chip PSR-29138-C		1
A	UL 21104 30#*2C+24#*1C Shield TPE White OD=3.4mm	1000mm	A/R
ITEM	DESCRIPTION	LENGTH	QTY.

NOTE:

- ELECTRICAL PERFORMACNE
  - 100% OPEN AND SHORT TEST
  - CONTINUITY RESISTANCE: 2.6 ohm MAX.
  - INSULATION RESISTANCE:300V DC 10Mohm min.
  - DIELECTRIC STRENGTH: 100V AC/0.01s
  - CURRENT RATING: 3A, VOLTAGE DROP SHALL BE 250mV FOR GND AND 500mV FOR VBUS.
  - OTHER ELECTRICAL PERFORMANCE MEET USB TYPE-C LEGACY CABLE, C - PLUG A, USB 2.0
- MECHANICAL PERFORMACNE
  - CABLE SHOULD WITHSTAND A PULL FORCE 40N FOR ONE MINUTE WITHOUT VISIBLE TERMINATION DAMAGE.PER EIA 364-38 METHOD A
  - BENDING TEST:200G, +/-90°, 12~14CYCLES/MINUTES, R=25.4MM, HORIZONTAL FOR 500 CYCLES AND VERTICAL FOR 500 CYCLES, NO LESS THAN 1000 times/cycles\*3 CYCLES=3000 TIMES
  - THIS PRODUCT MUST MEET RoHS 2.0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:			
∇ = 0		mm		1:1					
∇ = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)							
∇ = 2		ANGULAR TOL ± °							
∇ = 0		4 PLACES	±						
∇ = 0		3 PLACES	±						
∇ = 0		2 PLACES	± 0.25						
∇ = 0		1 PLACE	± 0.5						
∇ = 0		0 PLACES	±						
∇ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
					A4-SIZE	203800	2038000025		1 OF 1

<b>molex</b>			
USB 2.0 TYPE C TO A WHITE CABLE, 1M, OTP			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2038000025	PSD	000	B

DOCUMENT STATUS	RV	RELEASE DATE	
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