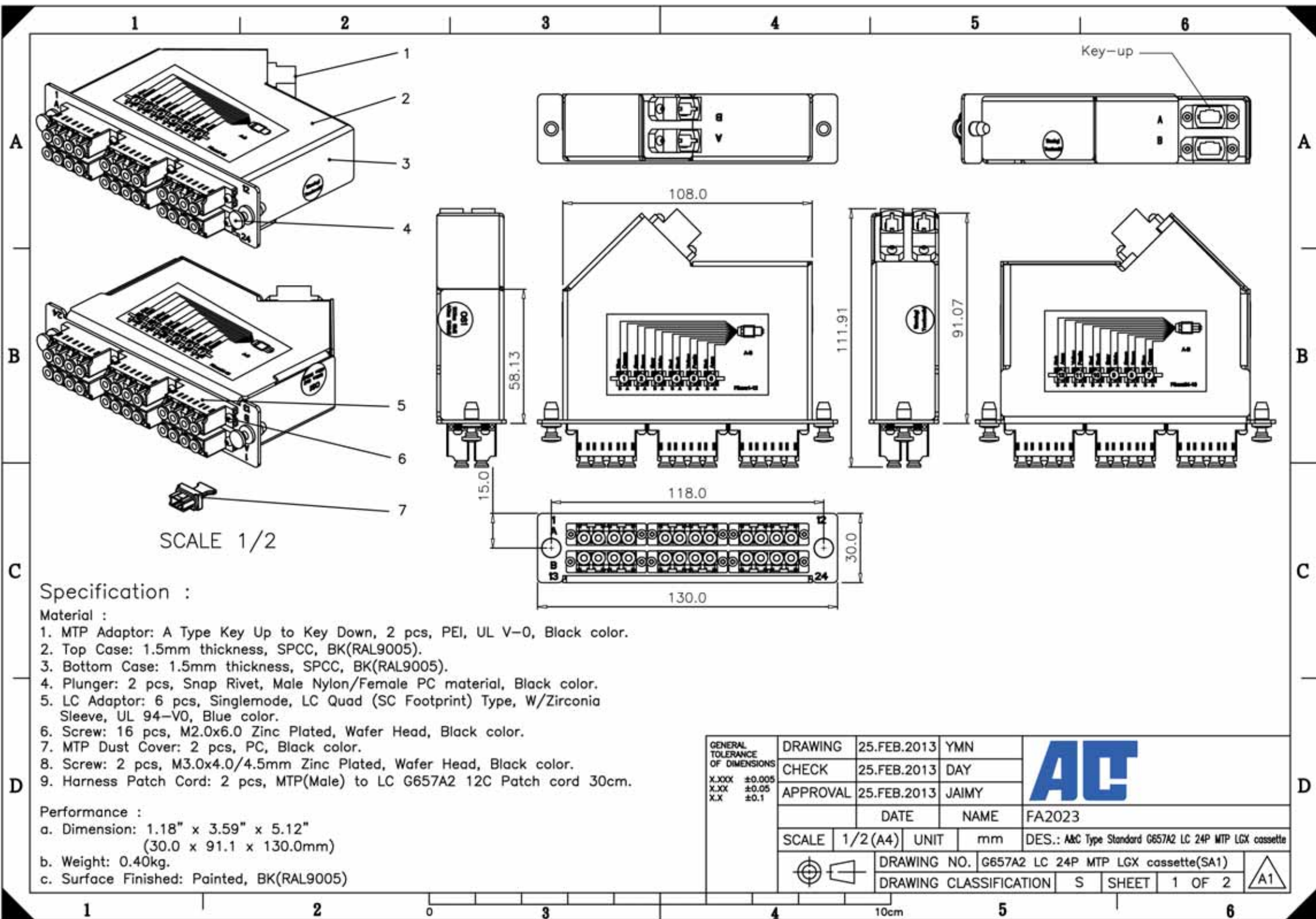
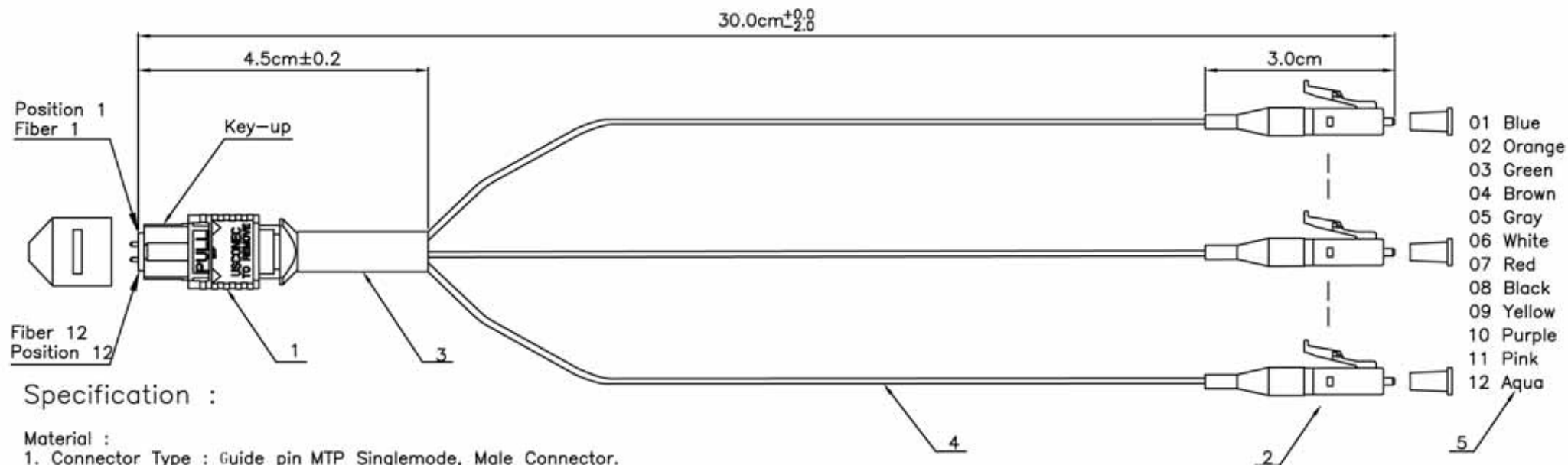






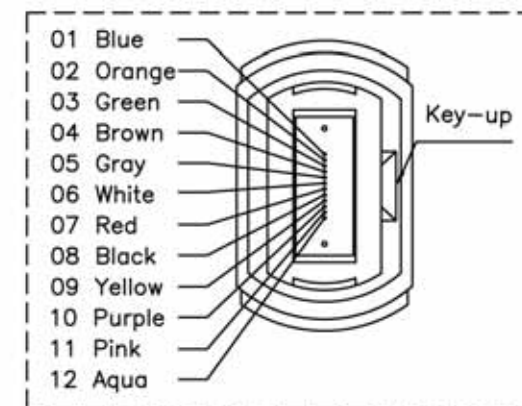
Specification :

Material :

1. Connector Type : Guide pin MTP Singlemode, Male Connector.
 - 1-1. Protective Cap : TPR, Black color.
 - 1-2. MT Ferrule : 12 Fibers, PPS, Black color, Singlemode.
 - 1-3. MTP Housing : PBT, Green color.
 - 1-4. Strain Relief Boot : TPR, Black color.
2. Connector Type : LC Singlemode, Blue Color.
 - 2-1. Protective Cap : PE, White color.
 - 2-2. Ferrule : $\phi 1.25\text{mm}$, Zirconia, Singlemode.
 - 2-3. LC Housing : PC, Blue color.
 - 2-4. Strain Relief Boot : PVC, White color.
3. Shrink Tube : 1.5cm, Use Black Heat Shrink Tube.
4. Tubing Type:
 - 4-1. Fiber : SM G657A2 9/125um Singlemode.
 - 4-2. 12 tubes Hytrel material, 0.9mm tube 12 Colors.
5. Fanout MTP(Male) to LC G657A2 12C Patch cord 30cm.
 1(Blue)/2(Orange)/3(Green)/4(Brown)/5(Gray)/6(White)/7(Red)/8(Black)/9(Yellow)/10(Purple)/11(Pink)/12(Aqua).

Performance :

- a. Insertion Loss :
 - LC Type : $< 0.50 \text{ dB}$
 - MTP Type : $< 0.75 \text{ dB}$
- b. Return Loss :
 - LC/UPC Type : $\geq 50 \text{ dB}$
 - MTP Type : $\geq 60 \text{ dB}$
- c. Fiber Extention(LC) : $-0.05\mu\text{m} < H < +0.05\mu\text{m}$
- d. Fiber overcut(MTP) : $0.3 \sim 3.0\mu\text{m}$
- e. Apex Offset : $< 50\mu\text{m}$
- f. Operating Temperature : -20°C to $+70^\circ\text{C}$
- g. Storage Temperature : -40°C to $+80^\circ\text{C}$



Connector Section (SCALE 3/1)

GENERAL TOLERANCE OF DIMENSIONS X.XXX ± 0.005 X.XX ± 0.05 X.X ± 0.1	DRAWING	25.FEB.2013	YMN	
	CHECK	25.FEB.2013	DAY	
	APPROVAL	25.FEB.2013	JAIMY	
		DATE	NAME	FA2023
	SCALE	1/1 (A4)	UNIT	mm
				DES.: Standard Harness 0.3m G657A2 MTP to LC Patch Cord
		DRAWING NO.	Harness G657A2 MTP to LC 30cm(SA1)	
		DRAWING CLASSIFICATION	S	SHEET 2 OF 2
				A1