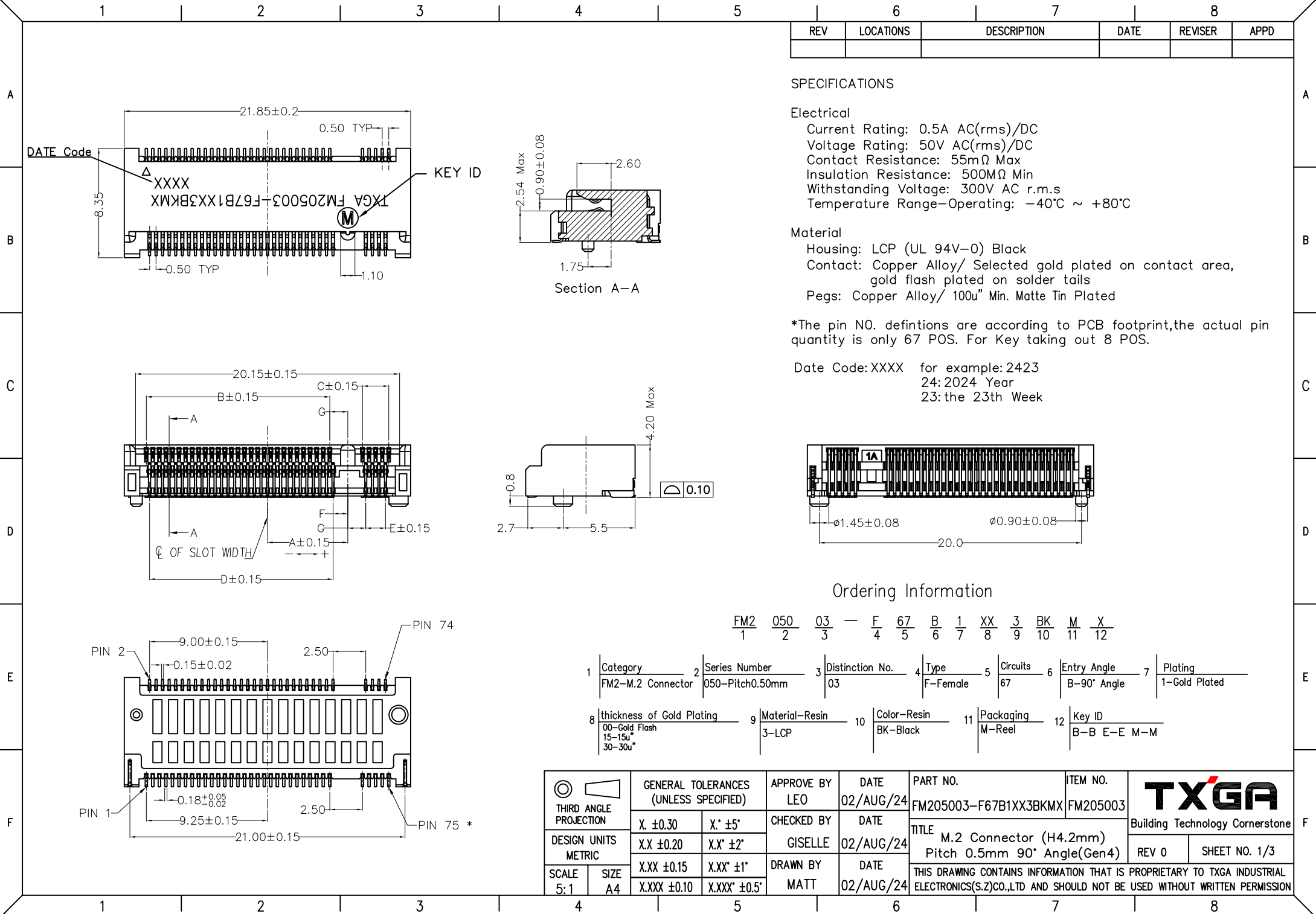




REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical

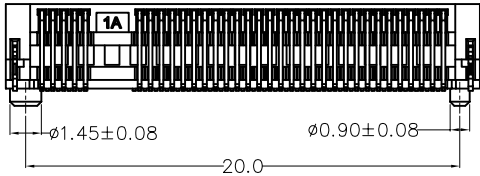
Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 55mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 300V AC r.m.s
Temperature Range-Operating: -40°C ~ +80°C

Material

Housing: LCP (UL 94V-0) Black
Contact: Copper Alloy/ Selected gold plated on contact area,
gold flash plated on solder tails
Pegs: Copper Alloy/ 100u" Min. Matte Tin Plated

*The pin NO. definitions are according to PCB footprint,the actual pin quantity is only 67 POS. For Key taking out 8 POS.

Date Code: XXXX for example: 2423
24: 2024 Year
23: the 23th Week

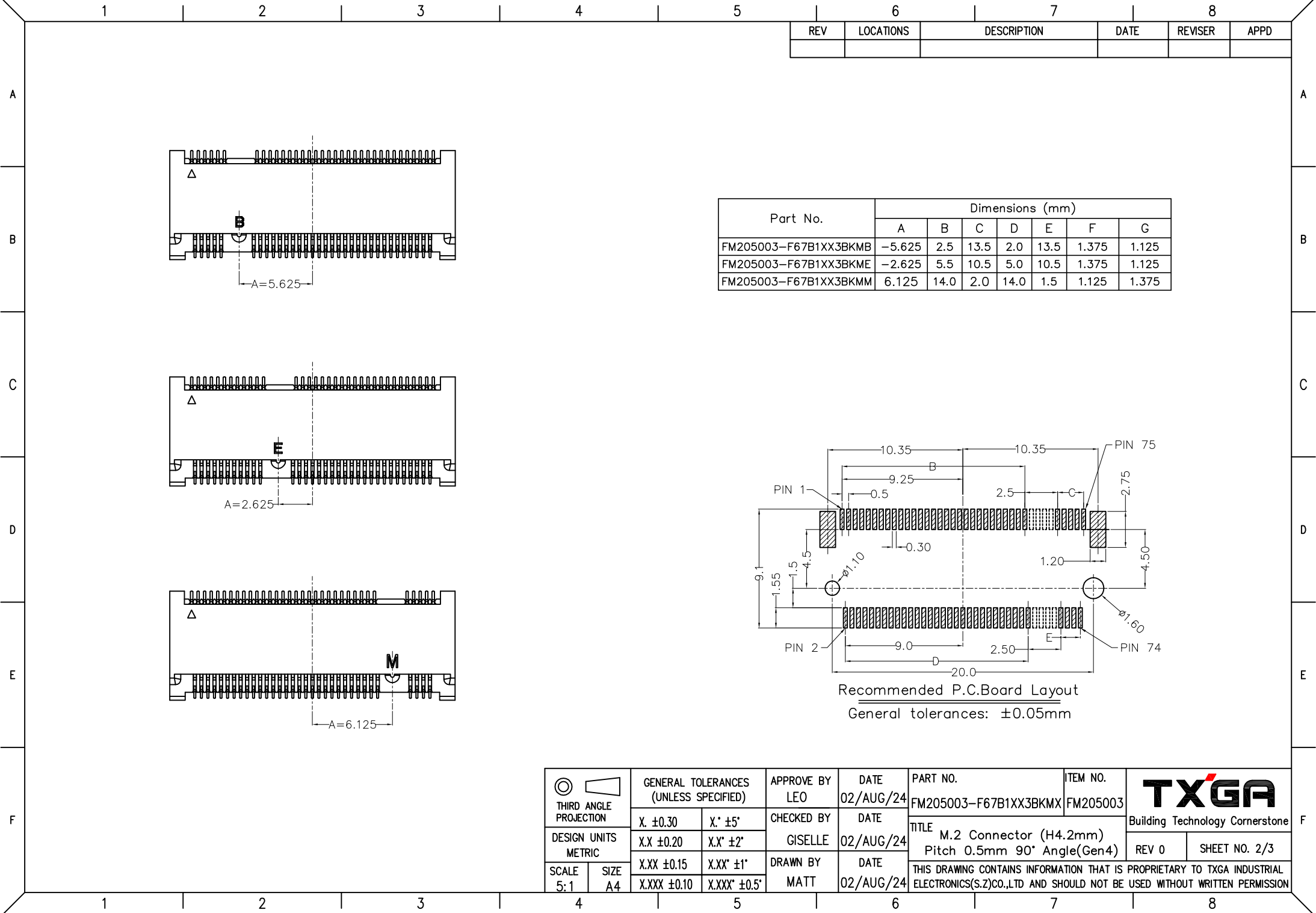


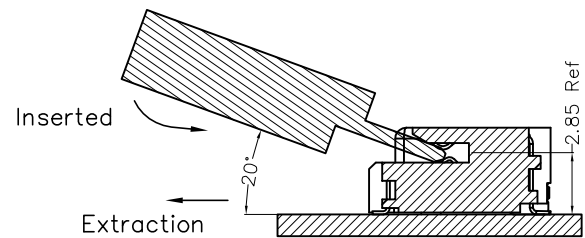
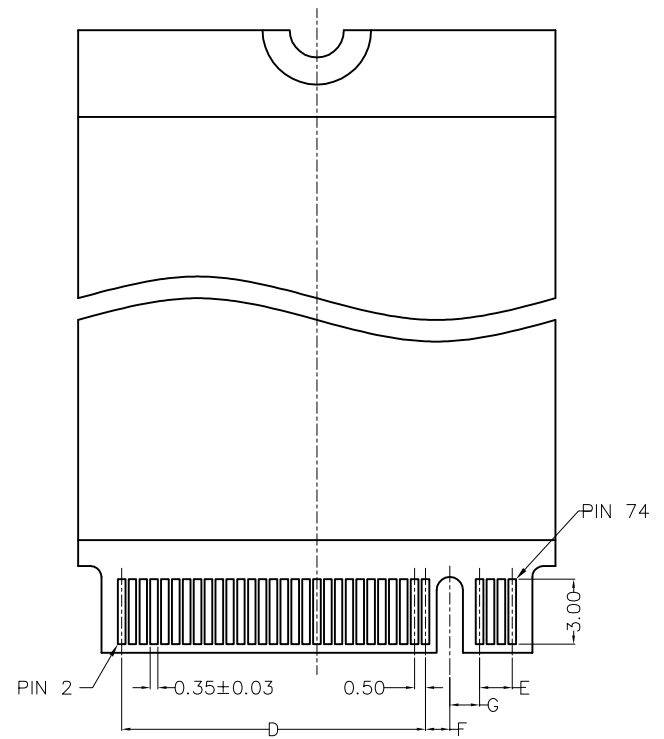
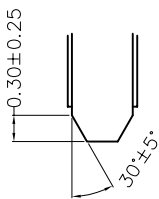
Ordering Information

FM2 050 03 — F 67 B 1 XX 3 BK M X
1 2 3 4 5 6 7 8 9 10 11 12

1	Category	2	Series Number	3	Distinction No.	4	Type	5	Circuits	6	Entry Angle	7	Plating
	FM2-M.2 Connector		050-Pitch0.50mm		03		F-Female		67		B-90° Angle		1-Gold Plated
8	thickness of Gold Plating	9	Material-Resin	10	Color-Resin	11	Packaging	12	Key ID				
	00-Gold Flash 15-15u" 30-30u"		3-LCP		BK-Black		M-Reel		B-B E-E M-M				

 THIRD ANGLE PROJECTION DESIGN UNITS METRIC SCALE 5:1 SHEET NO. 1/3		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 02/AUG/24	PART NO. FM205003-F67B1XX3BKM	ITEM NO. FM205003	 Building Technology Cornerstone				
		X. ±0.30	X. ±5°	CHECKED BY	DATE	TITLE M.2 Connector (H4.2mm) Pitch 0.5mm 90° Angle(Gen4)			REV 0		SHEET NO. 1/3	
		X.X ±0.20	X.X ±2°	GISELLE	02/AUG/24							
		X.XX ±0.15	X.XX ±1°									
		X.XXX ±0.10	X.XXX ±0.5°									
				DRAWN BY MATT	DATE 02/AUG/24	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						





REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone			
				LEO	02/AUG/24	FM205003--F67B1XX3BKMx	FM205003				
DESIGN UNITS METRIC		X. ± 0.30	X. $\pm 5^\circ$	CHECKED BY	DATE	TITLE M.2 Connector (H4.2mm) Pitch 0.5mm 90° Angle(Gen4)		REV 0		SHEET NO. 3/3	
		X.X ± 0.20	X.X $\pm 2^\circ$	GISELLE	02/AUG/24						
		SCALE	SIZE	X.XX ± 0.15	X.XX $\pm 1^\circ$	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
5:1	A4	X.XXX ± 0.10	X.XXX $\pm 0.5^\circ$	MATT	02/AUG/24						