

A

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical

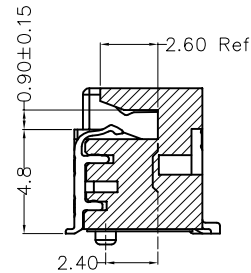
Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 55mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 300V AC r.m.s
Temperature Range—Operating: -40°C ~ +80°C

Material

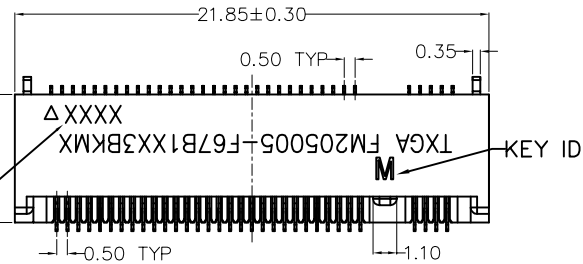
Housing: LCP (UL 94V-0) Black
Contact: Copper Alloy/ Selected gold plated on contact area,
gold flash plated on solder tails
Pegs: Copper Alloy/ 100u" Min. Matte Tin Plated

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

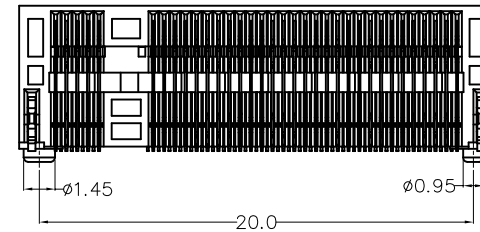
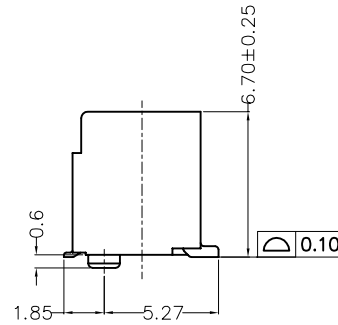
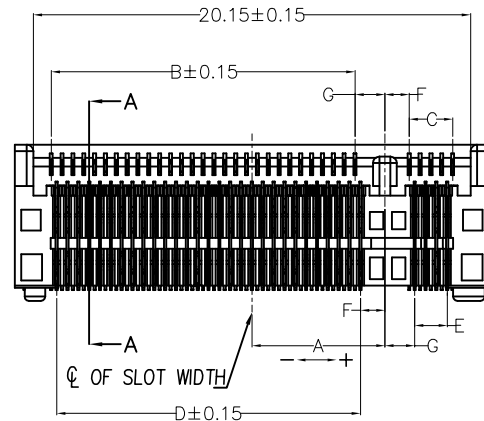
Part No.	Dimensions (mm)						
	A	B	C	D	E	F	G
FM205005-F67B1XX3BKMM	6.125	14.0	2.0	14.0	1.5	1.125	1.375



Section A-A



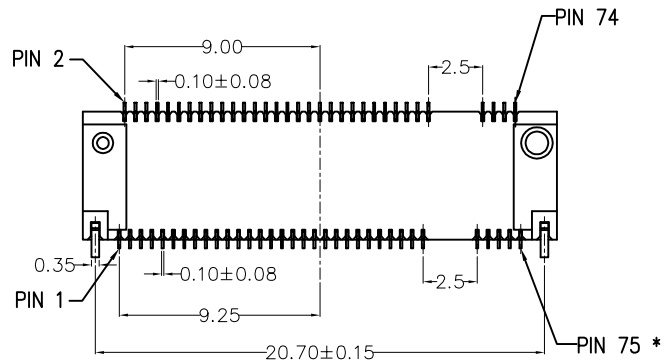
DATE Code
for example: 2423
24: 2024 Year
23: the 23th Week



Ordering Information

FM2 050 05 — F 67 B 1 XX 3 BK M X
1 2 3 4 5 6 7 8 9 10 11 12

1	Category FM2-M.2 Connector	2	Series Number 050-Pitch0.50mm	3	Distinction No. 05	4	Type F-Female	5	Circuits 67	6	Entry Angle B-90° Angle	7	Plating 1-Gold Plated
8	thickness of Gold Plating 00-Gold Flash 15-15u" 30-30u"	9	Material-Resin 3-LCP	10	Color-Resin BK-Black	11	Packaging M-Reel	12	Key ID M-M				



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 02/AUG/24	PART NO. FM205005-F67B1XX3BKMX	ITEM NO. FM205005	 Building Technology Cornerstone	
		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS METRIC		XX ±0.20	XX.* ±2°	GISELLE	02/AUG/24	M.2 Connector (H6.7mm) Pitch 0.5mm 90° Angle(Gen4)			
SCALE 5:1	SIZE A4	XX.X ±0.15	XX.X.* ±1°	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			
		XX.XXX ±0.10	XX.XXX.* ±0.5°	MATT	02/AUG/24				

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