

microSD/TF Card Connector

FCN-560 Series

RoHS compliant

microSD is currently the world's smallest memory card storage system, specifically designed for use with ultra-small mobile phones and other devices. Like the miniSD, the microSD/TransFlash is ideal for use in storing media-rich files such as music, videos, and photographs in compatible mobile phones.

Fujitsu's microSD connector offers the lowest profile height (1.65mm) currently available in the market.

Featuring Fujitsu's precise and insert molding technology, the FCN-560 series micro SD connector measures 15mm (D) x 14mm (W) x 1.6mm (H) and has a life cycle of ten thousand insertions/withdrawals.

Fujitsu's connector uses a proprietary push-push structure that provides positive tactile feedback during card insertion and withdrawal.

A card drop protection mechanism prevents the card from falling out during pre-insertion and forced card extraction after it's locked in. When ejected, the card travels 3.5mm from its locked position.



FEATURES

- Reduction in seize and weight (15 (D) x 14 (W) x 1.65 (H)mm) with unique push-push structure
- Half-lock to prevent forced card extraction, good operability with sense of click for insertion
- Smooth card inserion/withdrawl with unique drop-protection mechanism
- With card detections switch
- Card ejection distance 3.5mm
- FCN-568Z008-G/0M

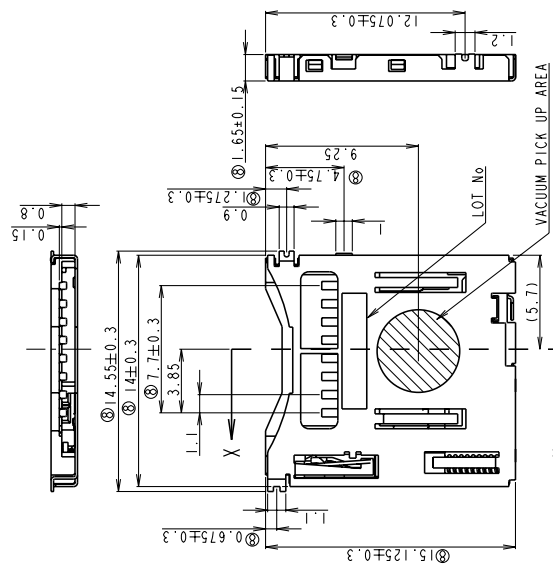
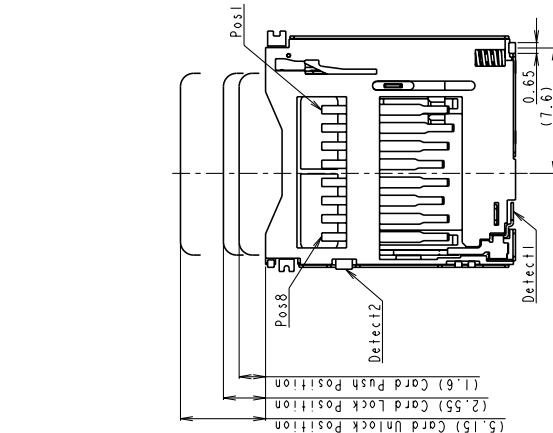
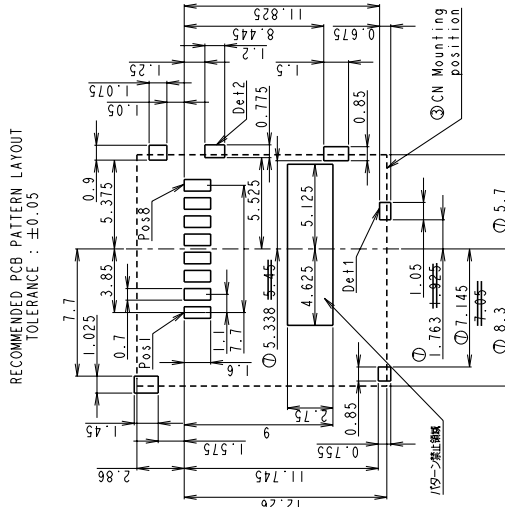
Item	Specification
Operating temperature range	-20°C to +70°C
Current rating	AC 0.5A
Voltage rating	AC/DC 5V
Contact resistance	100mΩ maximum
Dielectric withstanding voltage	AC 500V for 1 minute
Insertion/Withdrawl life	10,000 cycles

Item	Specification
Insulating material	LCP, UL94 V-0
Contact	Copper Alloy Plating NiPdAu
Pin / Spring	SWPA
Metal Cover	Stainless steel

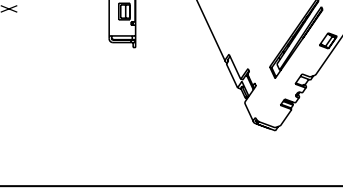
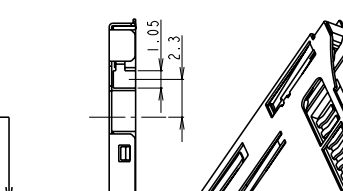
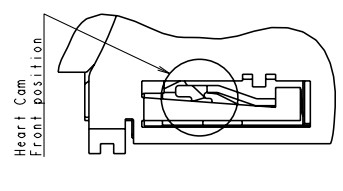
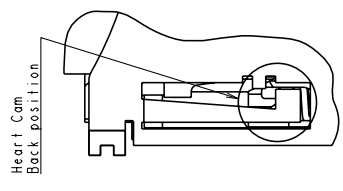
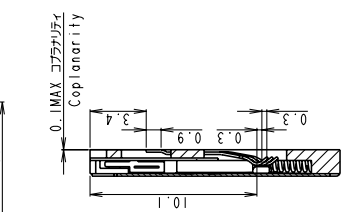
Tape and reel: 1, 500 pcs/reel

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SPECIFICATIONS



Parts	QTY	MATERIAL
ハウジング	1	ガラスの無熱膨張 (LCP) UL94V-0 黒
HOUSING	1	HEAT RESISTANCE POLYMER(LCP) V UL94V-0 BLACK
スライダ	1	ガラスの無熱膨張 (LCP) UL94V-0 黒
SLIDER	1	HEAT RESISTANCE POLYMER(LCP) V UL94V-0 BLACK
ターミナル	9	銅合金
TERMINAL	9	Copper Alloy
検出端子	2	銅合金
DETECT TERMINAL	2	Copper Alloy
ピン	1	ピアノ線
PIN	1	SWPA
スプリング	1	ピアノ線
SPRING	1	SWPA
メタルカバー	1	銅合金
METAL COVER	1	Copper Alloy



RoHS Compliance

P/N : FCN-568Z008-G/0M

断面 X-X
Sect. X-X

◎ Card Lock Position

◎ Card Unlock Position

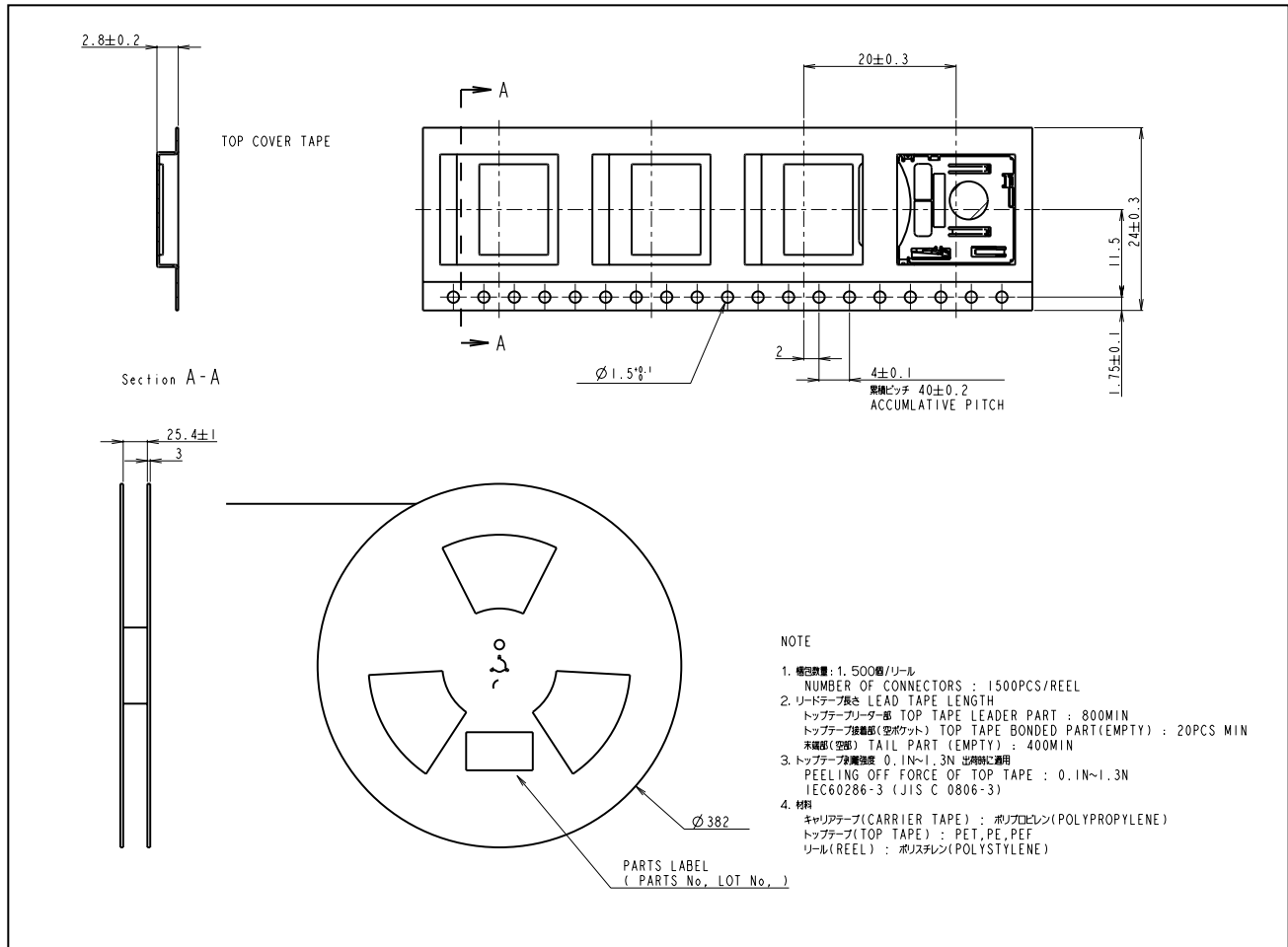
◎ Heart Com Front position

◎ Heart Com Back position

注1 括弧内の寸法は公差で、公差は±0.1mm。
 Note1 Unless otherwise specified dimensions are in mm and tolerances are ±0.1mm.
 注2 本製品はRoHS指令の適用範囲に於いて有害物質を含有していません。
 Note2 This product conforms to regulation of content concerning to six substance of RoHS directives.
 注3 ハードが閉鎖位置にある際、ジョロ-を引くと、ハードが閉鎖位置に固定されることがあります。この状態でジョロ-を引くと、ハードが閉鎖位置に固定されることがあります。この状態でジョロ-を引くと、ハードが閉鎖位置に固定されることがあります。この状態でジョロ-を引くと、ハードが閉鎖位置に固定されることがあります。
 Note3 The connector must be reformed in unlocked position, otherwise permanent damage will result.

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SPECIFICATIONS



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