

microSD/TF Card Connector

FCN-260 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

RECOMMENDED PCB PATTERN LAYOUT
TOLERANCE : ±0.05

(5.15) Card Dashing out position
(2.55) Card Lock position
(1.6) Card Push Position

Parts	QTY	MATERIAL
ハウジング HOUSING	1	ポリイミド耐熱樹脂(LCP), UL94V-0 色:黒 HEAT RESISTANCE POLYMER (LCP) , UL94V-0, BLACK
スライダー SLIDER	1	ポリイミド耐熱樹脂(LCP), UL94V-0 色:黒 HEAT RESISTANCE POLYMER (LCP) , UL94V-0, BLACK
ターミナル TERMINAL	9	銅合金 Copper Alloy
検知端子 DETECT TERM	1	銅合金 Copper Alloy
ピン PIN	1	ヒアノ線 SWPA
スプリング SPRING	1	ヒアノ線 SWPA
メタルカバー METAL COVER	1	銅合金 Copper Alloy

0.1MAX
COPLANARITY

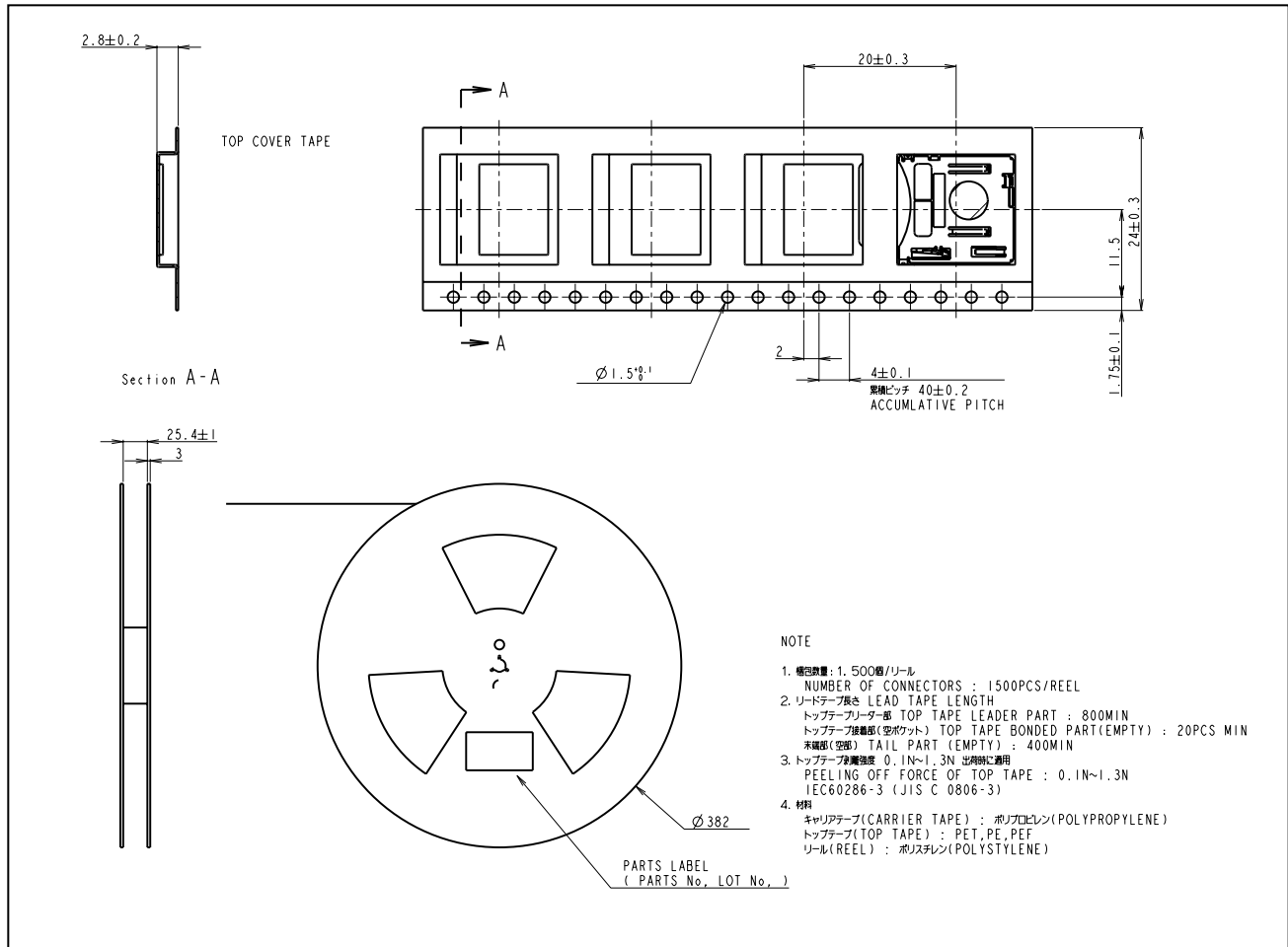
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RoHS Compliance

P/N : FCN-5882008-G/0M

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SPECIFICATIONS



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