Represented by:
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1 mm CONTACT SPACING, ZIF TYPE BOARD TO FPC CONNECTORS

EFC-PM24 SERIES

FEATURES

- 1 mm contact spacing.
- No. of contacts: 4~32 pin.
- Connector Height: 2.7mm
- Available in tube or embossed type for automatic mounting.

SPECIFICATIONS

1. ELECTRICAL

- Voltage rating: 200VAC
- Current rating: 0.5A
- Contact resistance: 20 MΩ max.(initial)
  40 MΩ max.(final)
- Insulation resistance: 100 MΩ min.

2. MECHANICAL

- Durability: Mate & Unmate with applicability for 20 times, Contact resistance: 20 MΩ max.(initial), 40 MΩ max.(final)
- Operating force (Slider): 0.2kgf*n (1.96N*n) max. (n : Pin)
- Cable holding force: 0.05 kgf*n (0.49N*n) min. (n : Pin)
- Contact retention force: 0.5 kgf (4.9) min.

MATERIALS

1. MATERIAL

- Contacts: Copper Alloy
- Insulator Housing: High Temp. Thermoplastic
- Slide: High Temp. Thermoplastic
- Hold Down: Copper Alloy

2. PLATING

Contact:
- Nickel In All Area
- Tin-Lead over Nickel
- Tin over Nickel (Z type)

Hold Down:
- Nickel In All Area
- Tin-Lead over Nickel
- Tin over Nickel (Z type)

DIMENSIONS

UNIT: mm(inch)

PART NUMBERING SYSTEM

EFC-PM24-SU 30 H3-3Z-E 1500

- No. of Connectors
- Package Type:
  E: Embossed Type
  T: Tube
- Plating Type:
  1:Tin-Lead over Ni
  3Z:Tin over Ni (RoHs Compliance)
- Modification code
  H3: Right Angle (Horizontal) Height=2.7mm
  V: Straight (Vertical)
- No. of Contacts
  04: 4 Pin.
  05: 5 Pin.
  ≀
  32: 32 Pin.
- Contact Configuration:
  SU: Up-side
  SD: Down-side
  S: Straight (Vertical) Type
- Series Name: PM24
- Model Name: EFC: FFC/FPC Connectors

PACKING

1. Packing method

- All connector are packed in reel or tube methods.

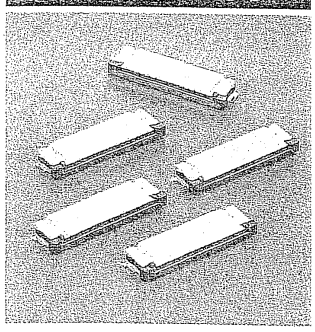
2. Information on label (stuck to each ploy bag, reel and box)

(1) Part NO. (2) Section. (3) Lot NO. (4) Quantity.
(5) QC stamp. (6) Reprocess NO. (7) ECE mark.

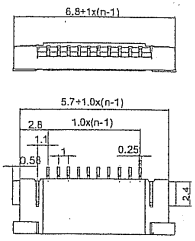
DRAWING

Main dimensions: see attached drawing.

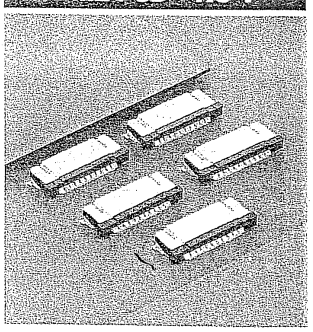
PM24-SUH3-1**



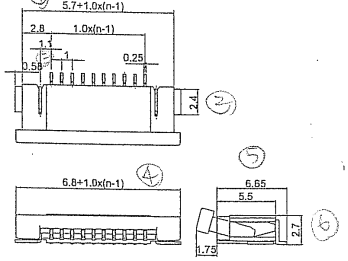
Connection Style: Right Angle Upside Type



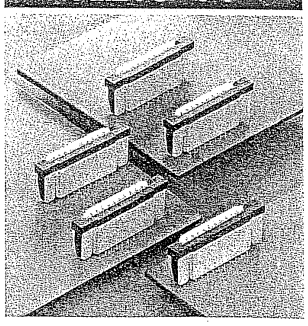
PM24-SDH3-1**



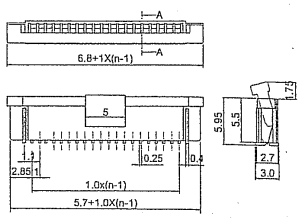
Connection Style: Right Angle Down Type



PM24-SV-1**



Connection Style: Straight



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SGS

Test Report

Report No. : CE/2004/C4219
Date : 2004/12/30

Test Result

PART NAME NO.1 : MIXED ALL PARTS (PLEASE REFER TO THE PHOTO ATTACHED)

Test Item (s):	Unit	Method	MDL	Result No.1				
PBBs(Polybrominated biphenyls)(CAS NO:059536-65-1)	%	With reference to USEPA3540 or USEPA3550. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.				
PBBEs(PBDEs)(Polybrominated biphenyl ethers)	%	With reference to USEPA3540 or USEPA3550. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.				

Test Item (s):	Unit	Method	MDL	Result No.1				
Chromium VI (Cr+6)	ppm	As per US EPA 7196A and US EPA 3060A.	2	N.D.				
Cadmium (Cd)	ppm	ICP-AES after as per EN 1122, method B:2001 or other acid digestion.	2	N.D.				
Mercury (Hg)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	2	N.D.				
Lead (Pb)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	14.6				

NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit

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