1. PART COMPOSITION

HOUSING MATERIAL: LIQUID CRYSTAL POLYMER (LCP), GLASS FILLED, UL94V-0, NATURAL (WHITE)

TERMINAL MATERIAL: PHOSPHOR BRONZE

CONTACT AREA: SEPARATED GOLD PLATING (0.1 MICROMETER MINIMUM)

SOLDER TAIL AREA: SEPARATED GOLD PLATING (1.0 MICROMETER MINIMUM)

ACTUATOR MATERIAL: POLYAMIDE (PA), GLASS FILLED, UL94 HB, BLACK

NAIL MATERIAL: PHOSPHOR BRONZE

SOLDER TAIL AREA: TIN OVERALL (1.0 MICROMETER MINIMUM)

UNDERPLATE: NICKEL OVERALL (1.0 MICROMETER MINIMUM)

2. PLEASE DO NOT OPERATE THE ACTUATOR BEFORE MOUNTING.

3. PLEASE OPERATE THE ACTUATOR AFTER INSERTING THE FPC INTO THE CONNECTOR.

4. ABOUT FPC

RECOMMENDED STIFFENER MATERIAL: POLYIMIDE
RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER
RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE

NOTE: PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.
RECOMMENDED CONDUCTOR SPECIFICATION:
THICKNESS OF SOFT COPPER FOIL: 35MICROMETER

5. R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.

6. COPLANARITY: 0.1 MAXIMUM

7. PLEASE RECOGNIZE A POSSIBILITY TO CHANGE THE SHAPE OF THE PART THAT DOES NOT OBSTRUCT A FUNCTION, BY CIRCUMSTANCES IN OUR PRODUCTION.

8. THIS PRODUCT IS DELIVERED WITH THE ACTUATOR IN THE OPEN POSITION.

9. THIS PRODUCT IS DUAL-CONTACT (TOP- AND BOTTOM-CONTACTS) TYPE CONNECTOR.

10. PLEASE CONFIRM TO INSERT FPC IN ADVANCE WHEN FPC WIDTH IS OVER 0.5(N+1)+0.02.
NOTES

1. IN THE PACKAGE, PART NO. 503480-**09 DETAILED DIMENSIONS. REFER TO SD-503480-001

2. NUMBER OF CONNECTORS : 3000PCS/REEL

3. LEAD TAPE LENGTH
   TOP TAPE NON-BONDED PART
   TOP TAPE BONDED PART (EMPTY)
   15MIN.
   20 PCS.MIN.

4. MATERIAL
   CARRIER TAPE : PET
   TOP TAPE : PET, OTHER
   REEL : PS (RECYCLE MATERIAL CONTAINED)

5. COVER TAPE PEEL FORCE ISDEFINED BY IEC60286-3.