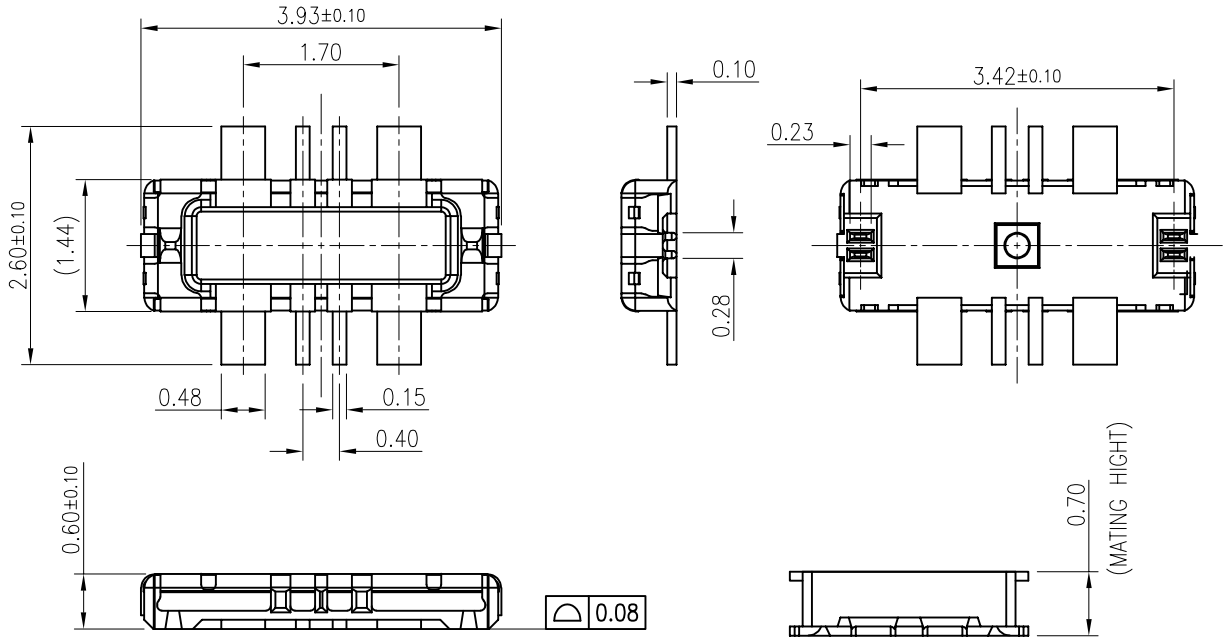
RoHS COMPLIANT PRODUCT

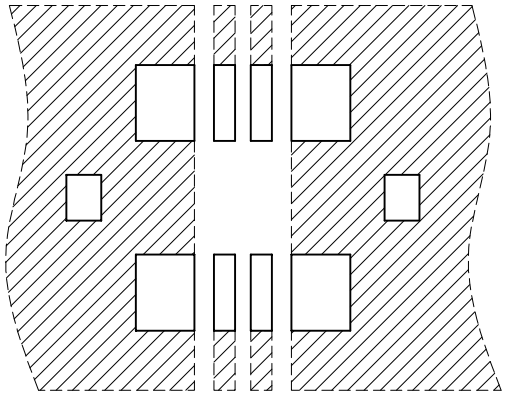
HF

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	/	2024.1.10	Wilson	INITIAL RELEASE

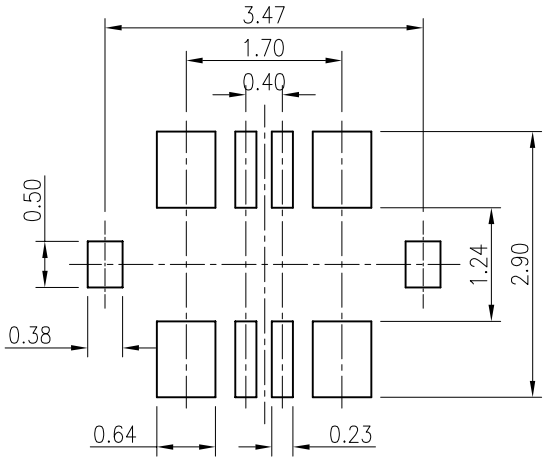


SPECIFICATIONS:

1) MATERIAL:
   1-1. HOUSING: LCP, BLACK (UL94 V-0)
   1-2. CONTACT: COPPER ALLOY
   1-3. CLIPS(POWER PIN): COPPER ALLOY
2) SURFACE TREATMENT:
   2-1. CONTACT: G/F PLATING ON CONTACT AREA
   G/F PLATING ON SOLDER AREA
   NI PLATING ALL OVER
   2-2. CLIPS: G/F PLATING ALL OVER
   NI PLATING ALL OVER
3) CHARACTERISTICS:
   3-1. RATED VOLTAGE: 30V AC/DC
   3-2. RATED CURRENT: SIGNAL PIN 0.3A/PIN; POWER PIN: 10A Max.
   3-3. INSULATION RESISTANCE: 1000MΩ Min.(INITIAL)
   3-4. BREAKDOWN VOLTAGE: 150V AC FOR 1 MIN, ELECTRICAL LEAKAGE ≤ 1mA
   3-5. CONTACT RESISTANCE: 50mΩ Max./SIGNAL PIN ; 20mΩ Max./POWER PIN
   3-6. AMBIENT TEMPERATURE: -40°C ~ +85°C
   3-7. STORAGE TEMPERATURE: -40°C ~ +50°C (PRODUCT ONLY)
   3-8. COMPOSITE INSERTION FORCE: 12.0 N Max.
   3-9. COMPOSITE INSERTION FORCE: 2.0 N Min.
   3-10. DURABILITY: 10 TIMES

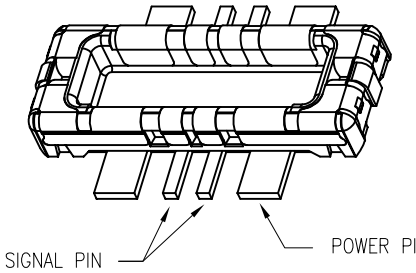


RECOMMENDED ELECTRICAL CIRCUIT LAYOUT



RECOMMENDED PCB LAYOUT

P/N: WB1574004M



TOLERANCE UNLESS SPECIFIED		SHEET 1/2	DR. BY	JACK	MATERIAL	
LINEAR	ANGLE					
.X ±0.10	X° XX	SCALE	CHK. BY	Wilson	FINISH	
.XX ±0.05	.X° XX					
.XXX±0.02	.XX° XX	UNIT mm	APP. BY	WX.L	PART NO.	

讯凯精密 XUNKAIJINGMI DongGuan Xunkai electronic technology Co. Ltd

TITLE	BTB P0.40mm PLUG CONN
DWG NO.	WB157M

本部品不含有環境管理物質規定之有害物質

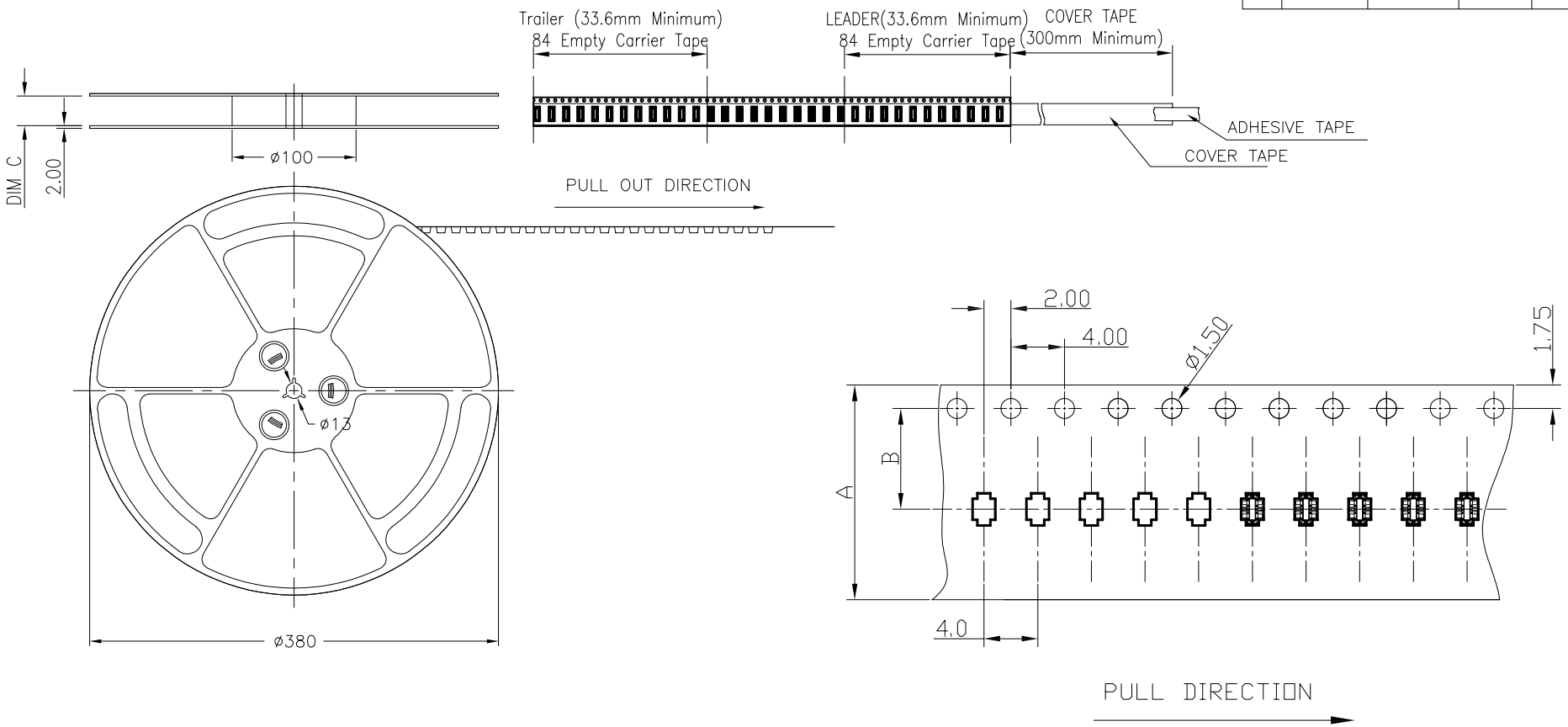
[MANAGEMENT REGULATIONS FOR THE RESTRICTIVELY-USED SUBSTANCES INCLUDED IN PARTS AND DEVICES]

RoHS COMPLIANT PRODUCT

HF

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	/	2024.1.10	Wilson	INITIAL RELEASE

EMBOSSED TAPE PACKAGING



NOTE:

1.10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE ±0.2mm
2.CARRIER CAMBER IS WITHIN 1 mm IN 250mm.
3.MATERIAL : TRANSPARENT CONDUCTIVE POLYSTYRENE ALLOY.
4.THICKNESS : 0.3±0.05mm.
5.COMPONENT LOAD PER 15'' REEL : 20000 PCS

TABLE:

04	16	7.5	17.4	20000
NUMBER OF CONTACTS	A	B	C	QTY/REEL

TOLERANCE UNLESS SPECIFIED		SHEET 2/2	DR. BY	JACK	MATERIAL	
LINEAR	ANGLE					
.X ±0.25	X° XX	SCALE	CHK. BY	wilson	FINISH	
.XX ±0.15	.X° XX					
.XXX±0.10	.XX° XX	UNIT mm	APP. BY	WX.L	PART NO.	

讯凯精密 XUNKAIJINGMI DongGuan Xunkai electronic technology Co. Ltd

TITLE: BTB P0.40mm PLUG CONN

DWG NO.: WB157M

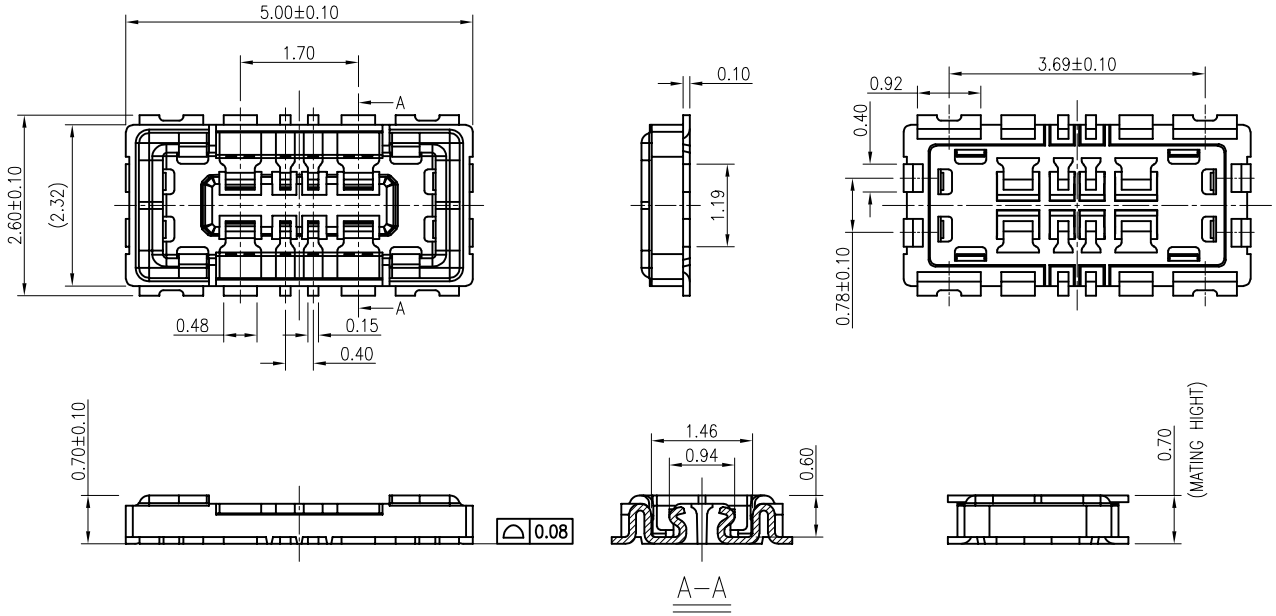
本部品不含有環境管理物質規定之有害物質

[MANAGEMENT REGULATIONS FOR THE RESTRICTIVELY-USED SUBSTANCES INCLUDED IN PARTS AND DEVICES]

RoHS COMPLIANT PRODUCT

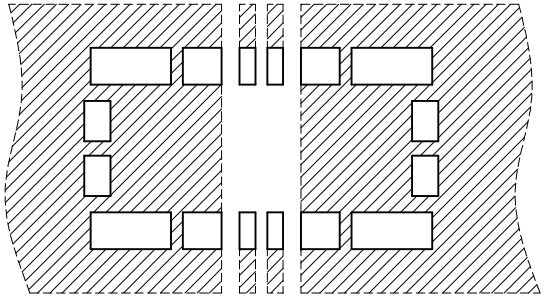
HF

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	/	2024.1.10	Wilson	INITIAL RELEASE

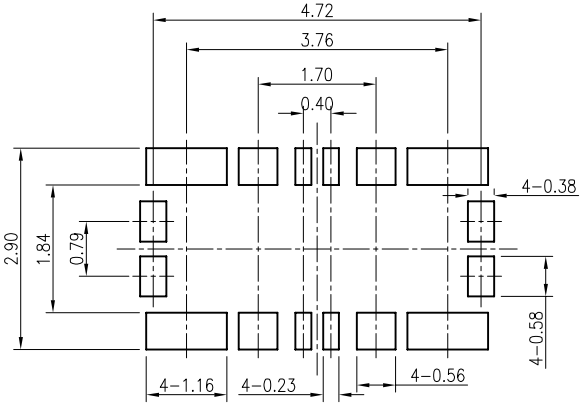


SPECIFICATIONS:

1) MATERIAL:
   1-1. HOUSING: LCP, BLACK (UL94 V-0)
   1-2. CONTACT: COPPER ALLOY
   1-3. CLIPS(POWER PIN): COPPER ALLOY
2) SURFACE TREATMENT:
   2-1. CONTACT: G/F PLATING ON CONTACT AREA
   G/F PLATING ON SOLDER AREA
   NI PLATING ALL OVER
   2-2. CLIPS: G/F PLATING ALL OVER
   NI PLATING ALL OVER
3) CHARACTERISTICS:
   3-1. RATED VOLTAGE: 30V AC/DC
   3-2. RATED CURRENT: SIGNAL PIN 0.3A/PIN; POWER PIN: 10A Max.
   3-3. INSULATION RESISTANCE: 1000MΩ Min.(INITIAL)
   3-4. BREAKDOWN VOLTAGE: 150V AC FOR 1 MIN, ELECTRICAL LEAKAGE ≤ 1mA
   3-5. CONTACT RESISTANCE: 50mΩ Max./SIGNAL PIN ; 20mΩ Max./POWER PIN
   3-6. AMBIENT TEMPERATURE: -40°C ~ +85°C
   3-7. STORAGE TEMPERATURE: -40°C ~ +50°C (PRODUCT ONLY)
   3-8. COMPOSITE INSERTION FORCE: 12.0 N Max.
   3-9. COMPOSITE INSERTION FORCE: 2.0 N Min.
   3-10. DURABILITY: 10 TIMES

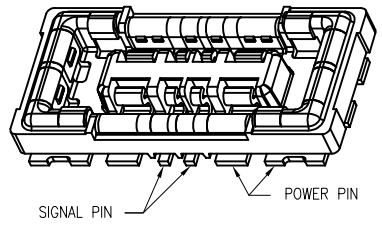


RECOMMENDED ELECTRICAL CIRCUIT LAYOUT



RECOMMENDED PCB LAYOUT

P/N: WB1574004F



TOLERANCE UNLESS SPECIFIED		SHEET 1/2	DR. BY	JACK	MATERIAL	
LINEAR	ANGLE					
.X ±0.10	X° XX	SCALE	CHK. BY	Wilson	FINISH	
.XX ±0.05	.X° XX					
.XXX±0.02	.XX° XX	UNIT mm	APP. BY	WX.L	PART NO.	

讯凯精密 XUNKAIJINGMI DongGuan Xunkai electronic technology Co. Ltd

TITLE	BTB P0.40mm REC CONN
DWG NO.	WB157F

本部品不含有環境管理物質規定之有害物質

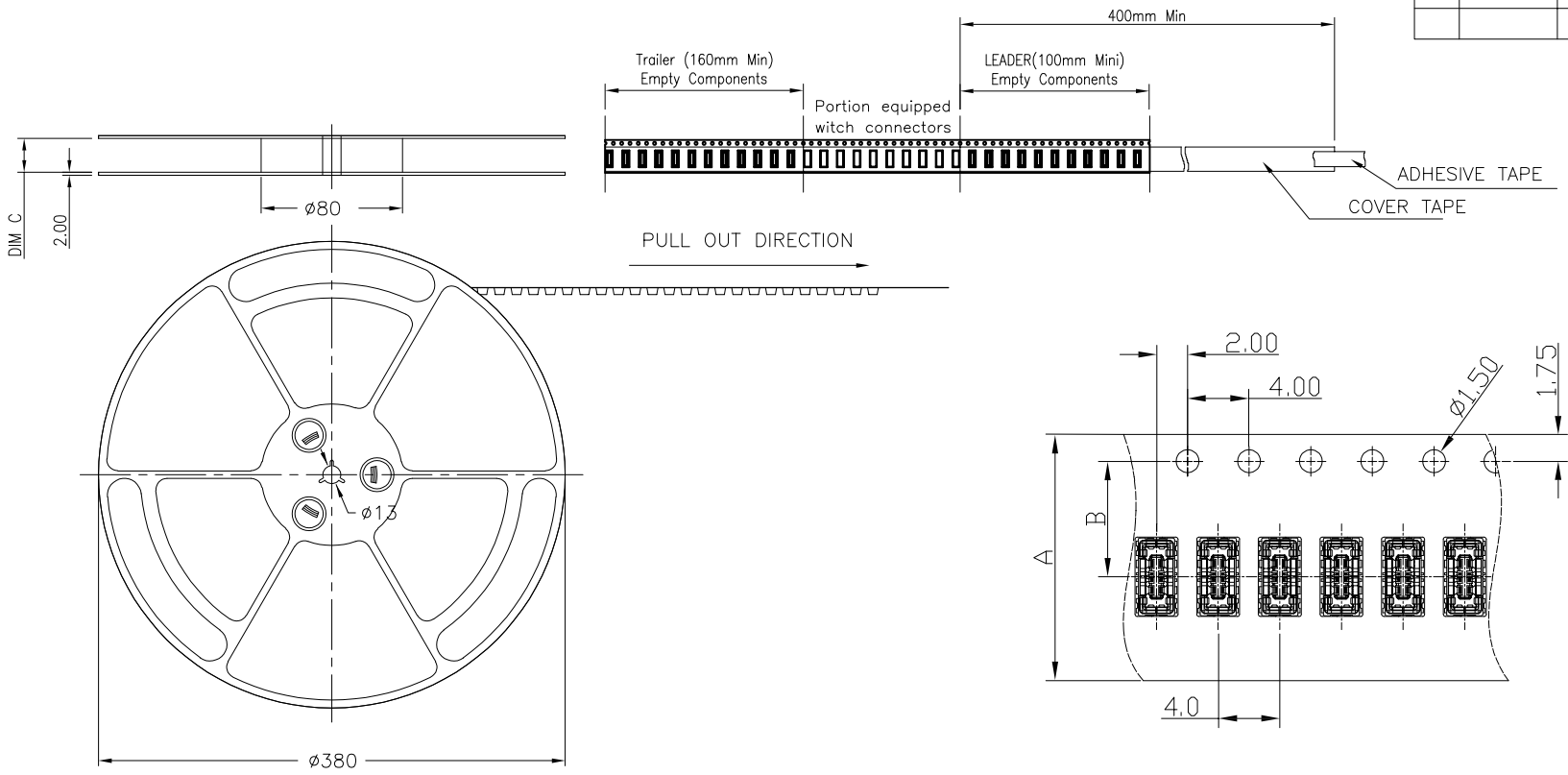
[MANAGEMENT REGULATIONS FOR THE RESTRICTIVELY-USED SUBSTANCES INCLUDED IN PARTS AND DEVICES]

RoHS COMPLIANT PRODUCT

HF

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	/	2024.1.10	Wilson	INITIAL RELEASE

EMBOSSED TAPE PACKAGING



NOTE:

1.10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE ±0.2mm
2.CARRIER CAMBER IS WITHIN 1 mm IN 250mm.
3.MATERIAL : TRANSPARENT CONDUCTIVE POLYSTYRENE ALLOY.
4.THICKNESS : 0.3±0.05mm.
5.COMPONENT LOAD PER 15'' REEL : 20000 PCS

TABLE:

04	16	7.5	17.5	20000
NUMBER OF CONTACTS	A	B	C	QTY/REEL

TOLERANCE UNLESS SPECIFIED		SHEET 2/2	DR. BY	JACK	MATERIAL	
LINEAR	ANGLE					
.X ±0.25	X° XX	SCALE	CHK. BY	wilson	FINISH	
.XX ±0.15	.X° XX					
.XXX±0.10	.XX° XX	UNIT mm	APP. BY	WX.L	PART NO.	

讯凯精密 XUNKAIJINGMI DongGuan Xunkai electronic technology Co. Ltd

TITLE	BTB P0.40mm REC CONN
DWG NO.	WB157F

本部品不含有環境管理物質規定之有害物質

[MANAGEMENT REGULATIONS FOR THE RESTRICTIVELY-USED SUBSTANCES INCLUDED IN PARTS AND DEVICES]