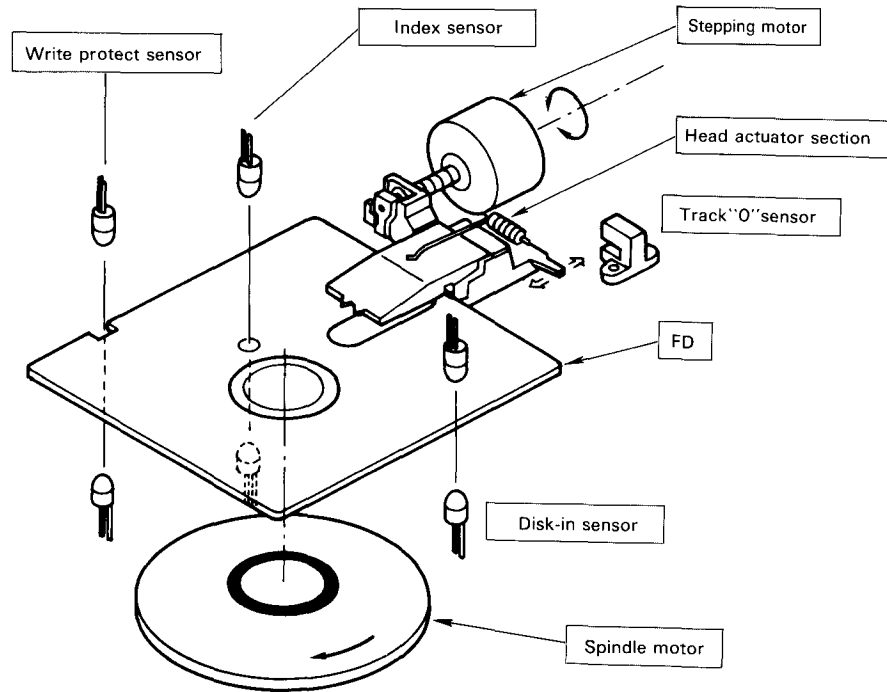


## 5.25-inch FDD Application



## Photosensor Product Chart

### For FDDs (Infrared LEDs, Phototransistors, Photointerrupters)

Application	Type No.	Package	Features
•Index sensor	TLN107A + TPS618	Side-view type	Can be mounted on thin types
•Write protect sensor	TLN113 + TPS612 or TPS613	φ3mm plastic-stem type	General-purpose type
•Disk-in sensor	TLN119 + TPS615 or TPS616	φ3mm plastic type	Easy holder mounting with 2.5mm pitch.
•Track "0" sensor	TLP805	Side surface mounting type	Gap: 3mm; slit width: 0.5mm; IC/IF = 2.5%, min.
	TLP815		Gap: 3mm; slit width: 0.5mm; IC/IF = 5.0%, min.
	TLP804	PWB direct mounting type	Gap: 3mm; slit width: 0.5mm; IC/IF = 2.5%, min.
	TLP809		Gap: 2mm; slit width: 0.15mm; IC/IF = 3%, min.
	TLP812		Gap: 1mm; slit width: 0.4mm; IC/IF = 5%, min.
	TLP814		Gap: 1.5mm; slit width: 0.4mm; IC/IF = 2%, min.

### For Printers (Photointerrupters---TLP800 Series)

Application	Type No.	Package	Gap (mm)	Slit width (mm)	Current transfer ratio IC/IF (%), MIN.	Collector/emitter voltage V <sub>CE0</sub> (V), MAX.
<ul style="list-style-type: none"> <li>•Paper existence detection</li> <li>•Paper feed detection</li> <li>•Head initial position detection</li> <li>•Head position detection</li> <li>•Ink ribbon end detection</li> </ul>	TLP800A	Two-side mounting type	3	1	10	30
	TLP802	One-side mounting type	5	0.5	2.5	30
	TLP803	Box type	5	0.5	2.5	35
	TLP805	Side surface mounting type	3	0.5	2.5	30
	TLP815		3	0.5	5	35
	TLP801A	PWB direct mounting type	3	1	10	30
	TLP804		3	0.5	2.5	30
	TLP806		5	0.5	2.5	35
	TLP809		2	0.15	3	35
	TLP811		5	0.9	9	35
	TLP813		2.2	0.2	2.5	35
	TLP818		5	0.5	2.5	35
	TLP810		1	0.4	5	35
	TLP812		1	0.4	5	35
TLP814	Small package		1.5	0.4	2	35