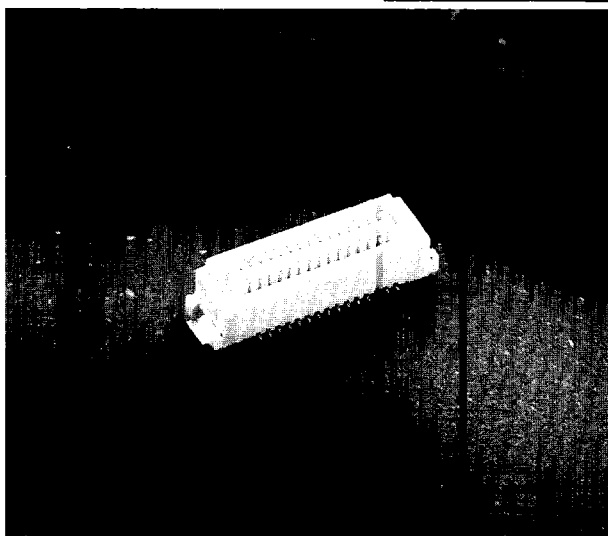
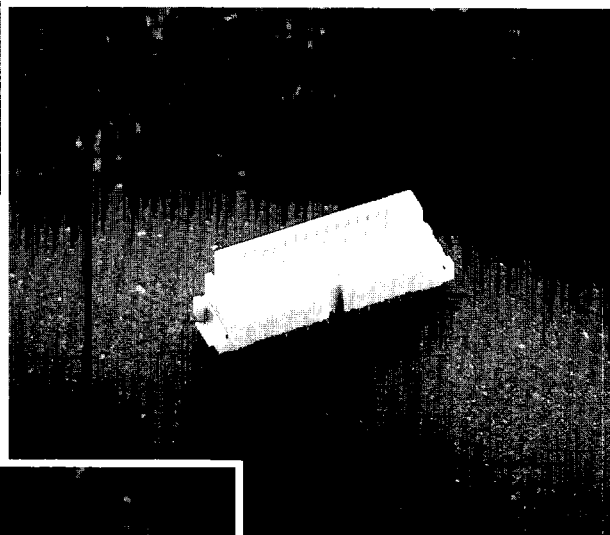
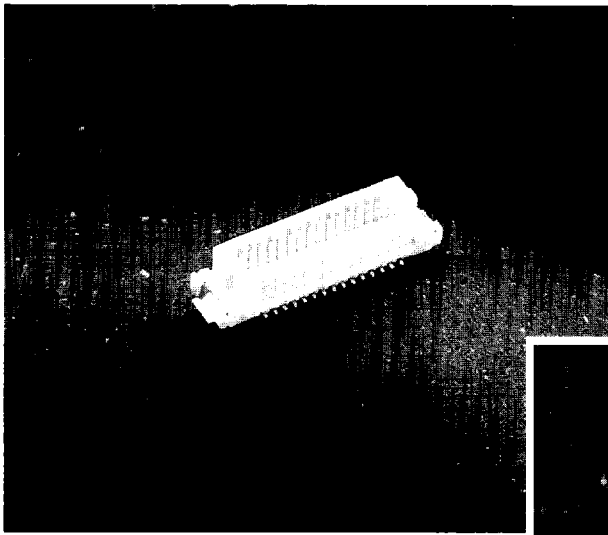


Honda Connectors

LPE series

SMT Type Board-to-Board 0.8-mm Pitch Connectors



 HONDA TSUSHIN KOGYO CO., LTD.



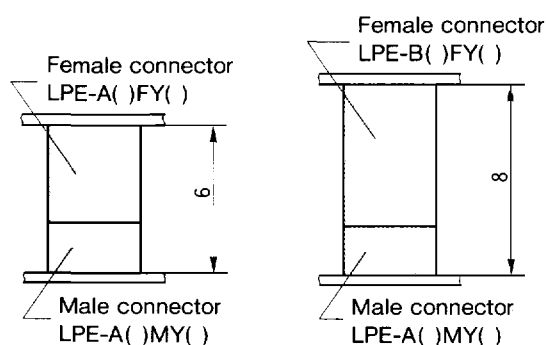
H0NDS00019

LPE series connectors are PCB stacking connectors on 0.8mm contact centerline spacing.

Features

- Miniature connectors with board to board stacking distance of 6mm or 8mm.
- Metal hold down tabs solder to PCB to provide mechanical strength when mating or unmating connectors.
- PCB registration posts are polarized to prevent incorrect placement on board.
- Connector mating face is polarized to prevent mismatching.
- Integral locking mechanism prevents connectors from unmating.

Example of stacking combinations



Specifications

Rated current	0.5A
Rated voltage	AC100V
Withstand voltage	AC350V(r.m.s) 1minute
Insulation resistance	500M Ω min. at DC250V
Contact resistance	35m Ω max.

Material

Insulator	PPS resin (UL94V-O) natural
Contacts	Phosphor bronze
Hold down	Brass

MALE CONNECTOR

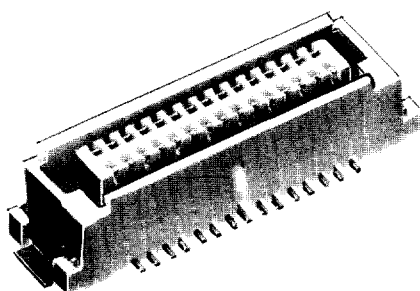
LPE-A () MY ()

No. of positions : 16, 30

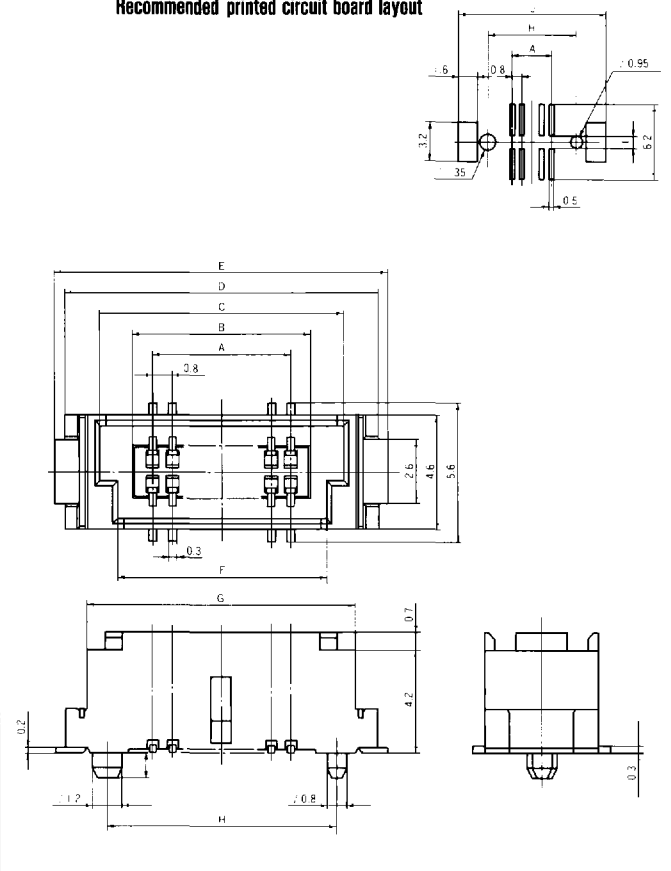
Plating of contacts

No : symbol : Tin plating

G : Gold plating



Recommended printed circuit board layout



Dimensions

Part No.	A	B	C	D	E	F	G	H	J
LPE-A16MY()	5.6	7.2	9.9	12.7	13.7	8.5	11.1	9.4	14.3
LPE-A30MY()	11.2	12.8	15.5	18.3	19.3	14.1	16.7	15.0	19.9

FEMALE CONNECTOR

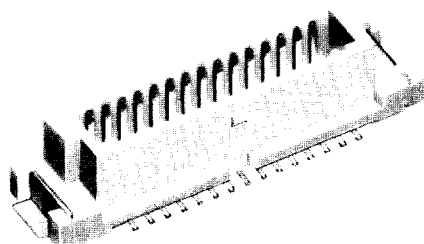
LPE-A () FY ()

No. of positions : 16, 30

Plating of contacts

No symbol : Tin plating

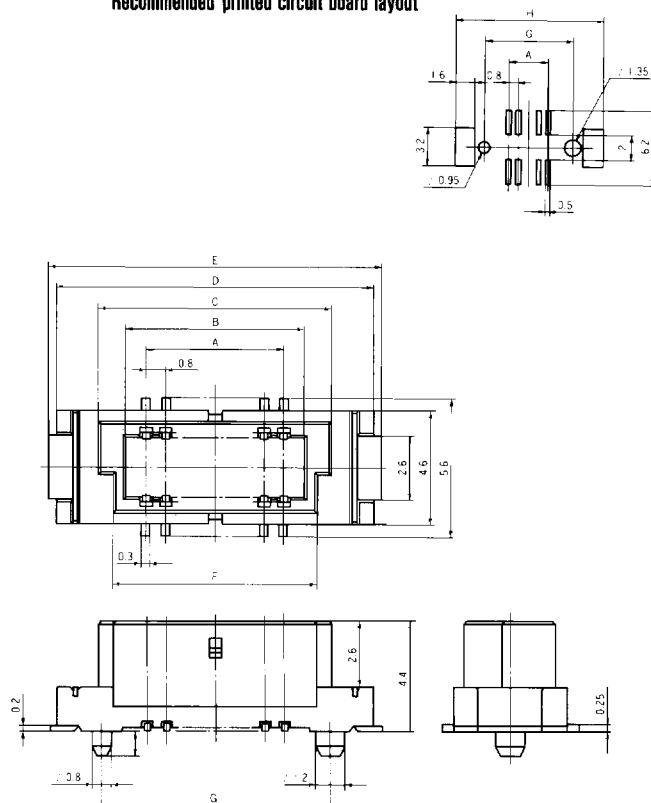
G : Gold plating



Dimensions

Part No.	A	B	C	D	E	F	G	H
LPE-A16FY()	5.6	7.4	9.8	12.7	13.7	8.4	9.4	14.3
LPE-A30FY()	11.2	13.0	15.4	18.3	19.3	14.0	15.0	19.9

Recommended printed circuit board layout



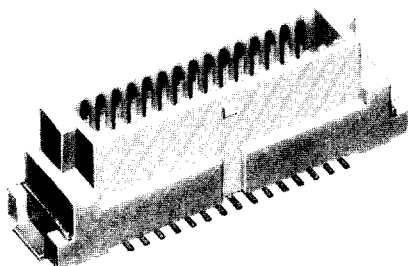
LPE-B () FY ()

No. of positions : 16, 30

Plating of contacts

No Symbol : Tin plating

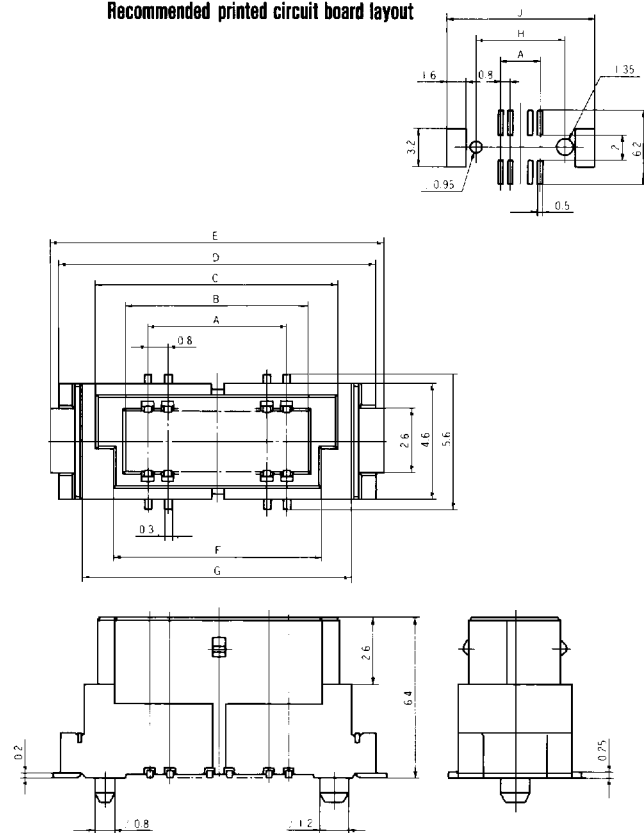
G : Gold plating



Dimensions

Part No.	A	B	C	D	E	F	G	H	J
LPE-B16FY()	5.6	7.4	9.8	12.7	13.7	8.4	11.1	19.4	14.3
LPE-B30FY()	11.2	13.0	15.4	18.3	13.3	14.0	16.7	15.0	19.9

Recommended printed circuit board layout



 **HONDA TSUSHIN KOGYO CO., LTD.**
6-18-12 MEGUROHONCHO MEGURO-KU TOKYO 152-8520 JAPAN
TELEPHONE: (03) 3714-1151/1161 CABLE: HONDA CONNECTOR TOKYO
TELEX: 3246-6785 HTKCON J FAX.: (03) 3710-1951

This specification is subject to change without notice for product improvements and other purposes.

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