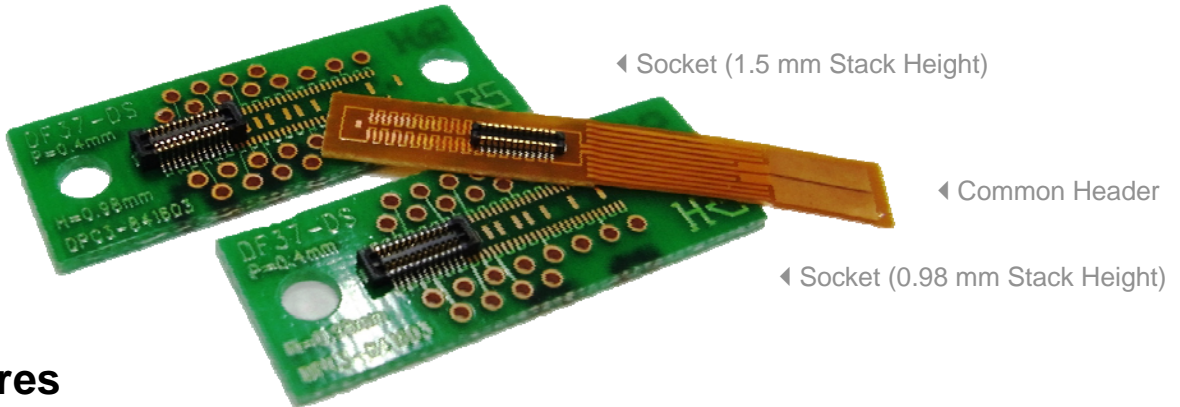




DF37 Series

MKT-E-07002P_2

0.4 mm Pitch, 0.98/1.5 mm Stacking Height, FPC to Board Connectors



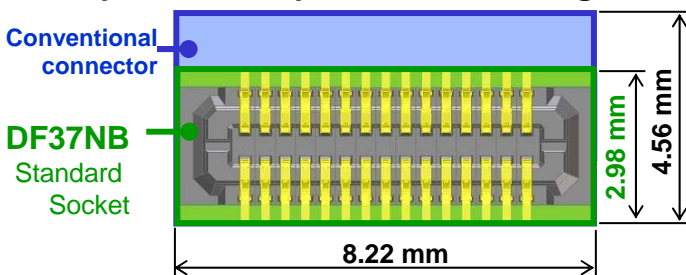
◆ Features

1. Selectable stacking height, 0.98 and 1.5 mm
2. 2.98 mm space saving depth
3. 2.6 mm depth with short-lead type is also available for more to save space
4. Highly reliable contact design with 2-point contact
5. Clear tactile click with excellent contact design
6. Shock-absorbing configuration with dimple on 2-point contact for robustness
7. Enhanced self alignment mechanism provides 0.3 mm wide alignment range
8. Solder wicking prevention
9. Contact protection against dust
10. RoHS compliant, Halogen-Free product

This product satisfies halogen free requirements defined as 900 ppm maximum chlorine, 900 ppm maximum bromine, and 1500 ppm maximum total of chlorine and bromine.

◆ Space Saving

•30 pos. 0.4 mm pitch, 0.98 mm Height



Occupied Mounting Area **Conventional Connector** 4.56 x 8.22 = approx. 37.48mm²

34.6% reduced **DF37NB** 2.98 x 8.22 = approx. 24.50mm²

◆ Material & Finish

COMPONENT	MATERIAL	FINISH/REMARKS
Housing	LCP*	Black, UL94V-0
Contact	Phosphor bronze	Gold-plated
Metal fittings	Phosphor bronze	Gold-plated

◆ Specifications

Rated Current	0.3 A
Rated Voltage	30 V AC
Operating Temperature	- 35 °C to + 85 °C*
Contact Resistance	100 mΩ max. (100 mA DC or 1000 Hz)
Withstanding Voltage	100 V AC, 1 minute
Insulation Resistance	50 MΩ min. (100V DC)
Durability	10 times (Insertion/ Withdrawal)

* Include the temperature rising by current carrying.

Specifications herein are subject to change without notice. Contact Hirose for latest specifications, drawings or availabilities.