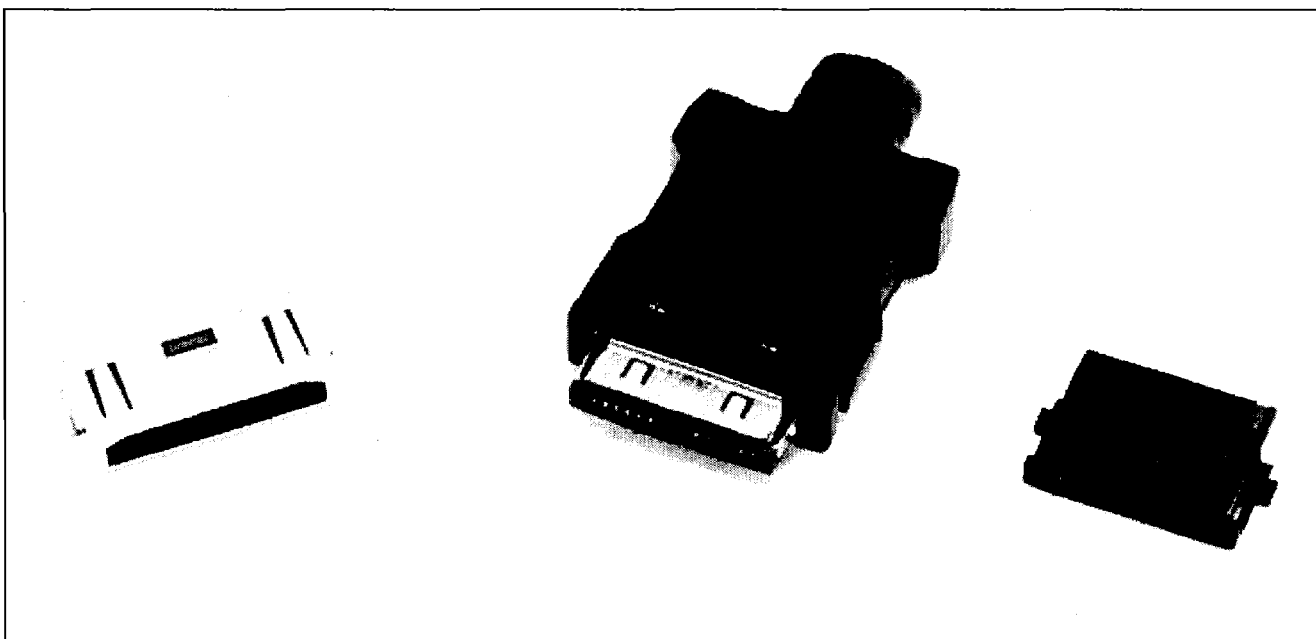


New Products



P-MCF-E01

MCF CONNECTOR



■ APPLICATIONS

PC.CARD for MODEM,LAN system.

■ FEATURES

- High density and thin style.
- Metal covered connector for excellent shielding effectiveness.
- Shielding provides for EMI and ESD protection.
- PCB connector is SMT compatible.
- One touch lock system provides smooth mating.
- Full lock and click lock system.
- 2ways mating shape and 3ways polarizing key system provides 6ways polarization.



SALES OFFICES

• DDK Ltd. (JAPAN)
MOKA JAPAN
HONG KONG
SINGAPORE

Tel. 0285-84-7861 Fax. 0285-82-9036
Tel. 2369-7028 Fax. 2369-7392
Tel. 271-1151 Fax. 271-2345

- DDK ELECTRONICS, INC. (U.S.A.)
- SANTA CLARA
- TORONTO LIAISON, CANADA
- DDK ELECTRONICS (EUROPE), LTD.
- DDK (THAILAND) LTD.

Tel. 408-980-8344 Fax. 408-980-9750
Tel. 905-470-1346 Fax. 905-470-1479
Tel. 01959-5-61224 Fax. 01959-5-61034
Tel. 02-529-1428 Fax. 02-529-2160

■ SPECIFICATIONS

- Rated voltage 150V AC(r.m.s)
- Rated current 0.5A/contact
- Dielectric withstanding voltage ... 1000V AC(r.m.s), 1 minute
- Insulation resistance 1000M Ω MIN. at 500V DC
- Contact resistance 40m Ω MAX. at 10mA

■ MATERIALS / FINISHES

CABLE CONNECTOR

- Contact Copper alloy / Gold plating over nickel plating
- Insulator PPS resin (UL94V-0) / Color black
- Inner shell Stainless steel
- Hood ABS resin (UL94V-0) / Color black

PCB CONNECTOR

- Contact Brass / Gold plating over nickel plating
- Insulator PPS resin (UL94V-0) / Color black
- Shell Copper alloy / Tin-lead plating
- Lock plate Stainless steel

■ PART NUMBERING CODES

CABLE CONNECTOR

MCF-415C-2SA12-B1AA

Contact plating			Locking portion style	
No.	Mating area	Tail area	A : Triangle boss type	
1	0.76 μ m (30 μ inch) Gold over nickel	Tin-lead	B : Circle boss type	
2	0.38 μ m (15 μ inch) Gold over nickel	Tin-lead		
3	Gold flash over nickel	Tin-lead		
Mating shape			Key position	
A : Standard type				
B : Reverse type				

STANDARD TYPE		REVERSE TYPE	
No.	KEY POSITION	No.	KEY POSITION
12		12	
13		13	
23		23	

PCB CONNECTOR

MCF-415A-2AA13A

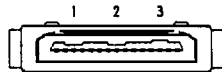
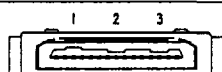
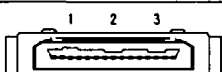
Contact plating

No.	Mating area	Tail area
1	0.76 μm (30 μinch) Gold over nickel	Tin-lead
2	0.38 μm (15 μinch) Gold over nickel	Tin-lead
3	Gold flash over nickel	Tin-lead

Mating shape

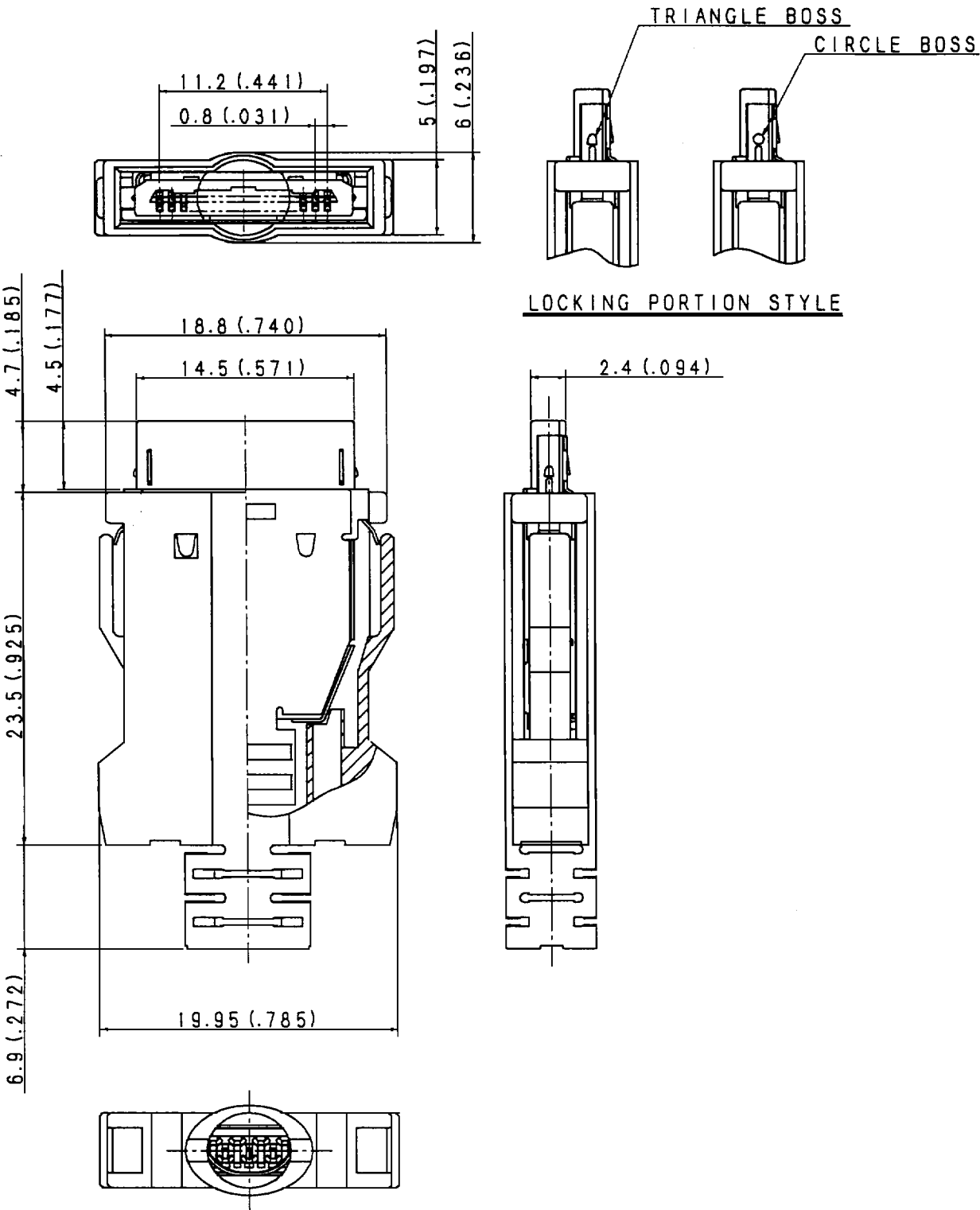
A : Standard type
B : Reverse type

Key position

STANDARD TYPE		REVERSE TYPE	
No.	KEY POSITION	No.	KEY POSITION
12		12	
13		13	
23		23	

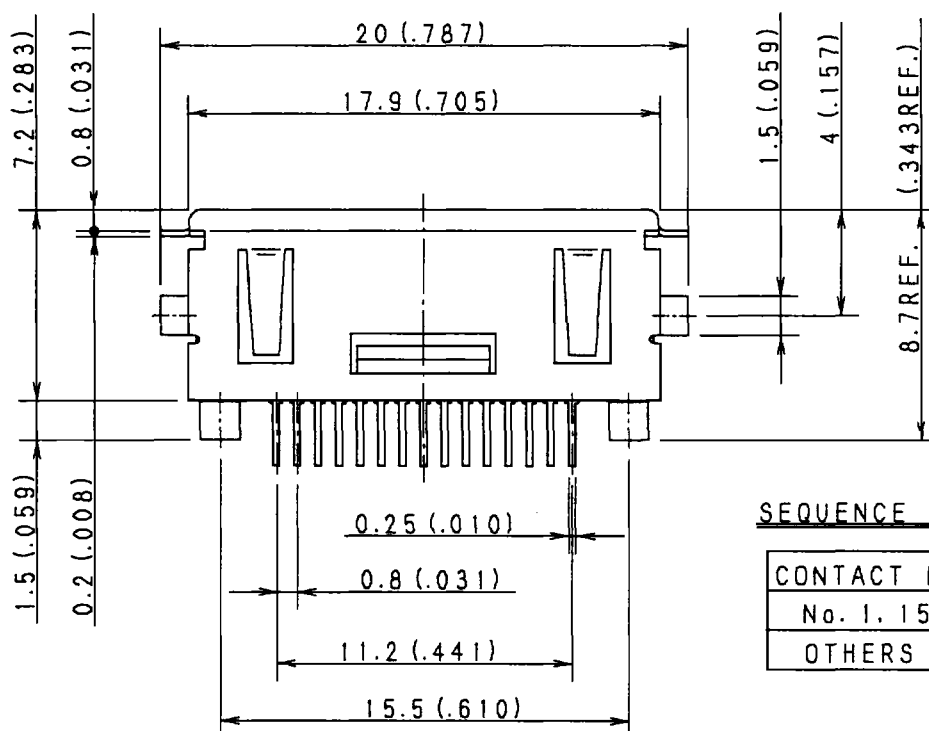
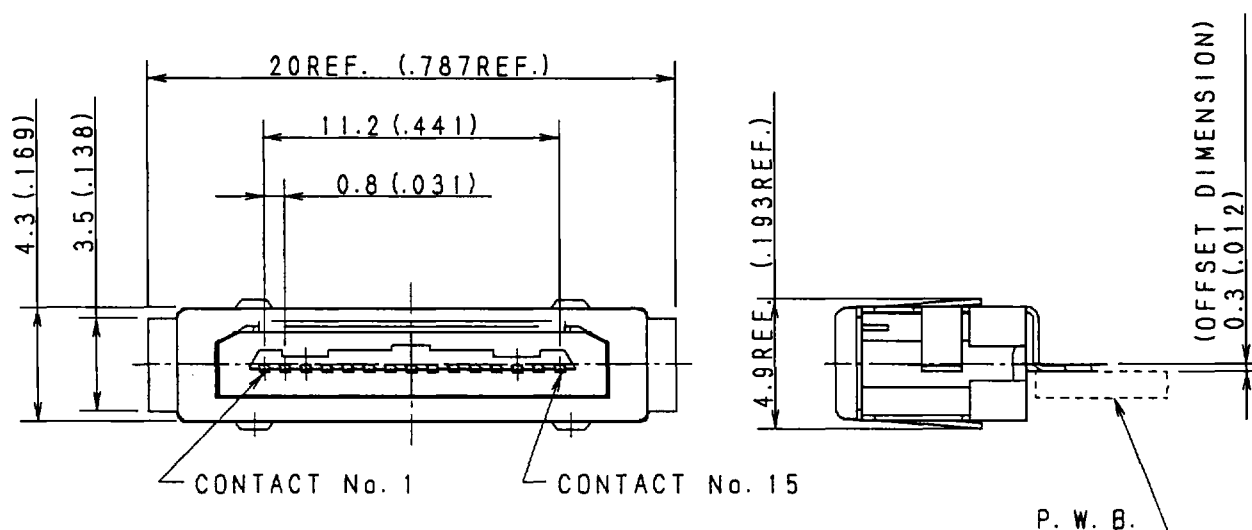
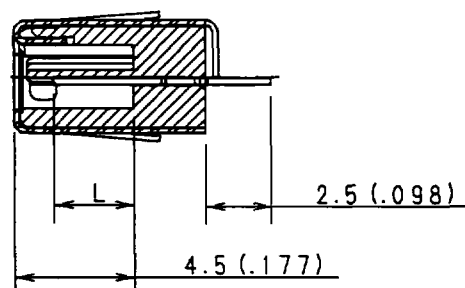
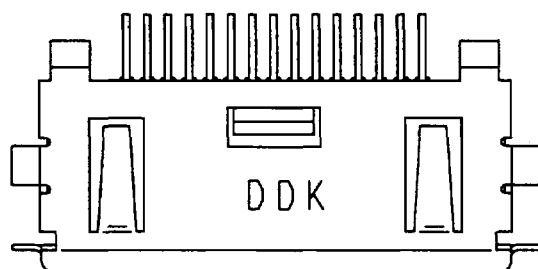
■CABLE CONNECTOR

UNIT:mm (inch)



PCB CONNECTOR

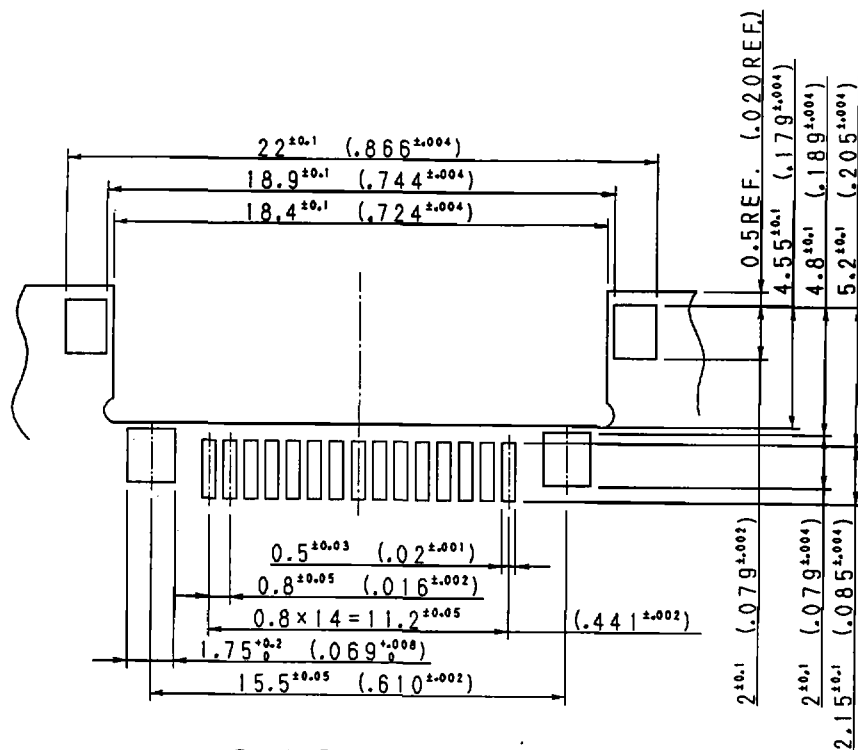
UNIT:mm (inch)



SEQUENCE CONTACT LENGTHS

CONTACT No.	L
No. 1, 15	3.9 (.154)
OTHERS	3.0 (.118)

UNIT : mm (inch)

P. W. B. DIMENSION