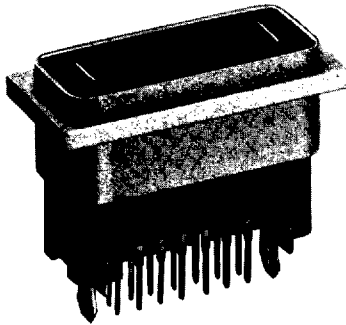
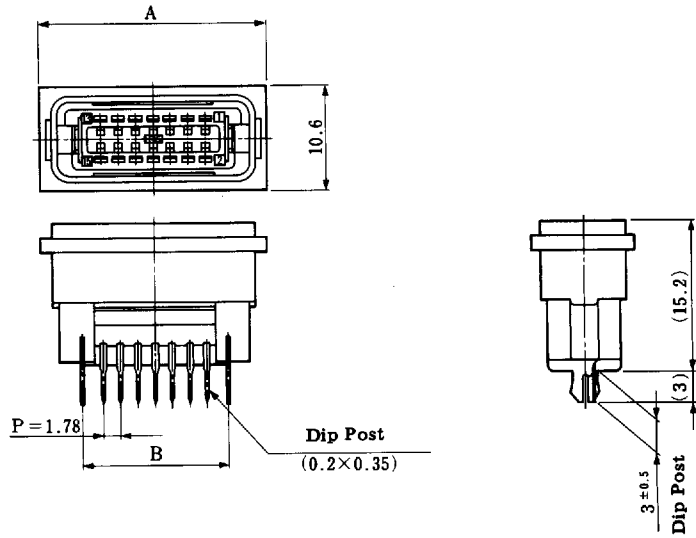


Receptacle (without Mounting Hole) with Protector (Straight Dip Type)



QM20-14R-PR1

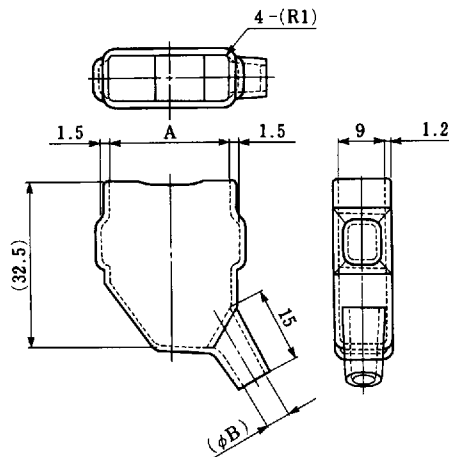


HRS No.	Pin of Pin	Part No.	A	B
CL226-0074-6	8	QM20-8R-PR1	17.82	9.62
CL226-0054-9	14	QM20-14R-PR1	23.16	14.96
CL226-0055-1	26	QM20-26R-PR1	33.84	25.64
CL226-0056-4	32	QM20-32R-PR1	39.18	30.98

Hood (QM-**-**-CS)



QM-8-CF



HRS No.	No. of Pin	Part No.	A	B
CL226-0085-2	8	QM-8-CF	18	4.8
CL226-0085-5	14	QM-14-CF	23.4	5.5
CL226-0087-8	26	QM-26-CF	34	8.5

Specifications

Item	Specification
Current Rating	0.5A
Voltage	AC100V
Insulation Resistance	1000MΩ or more @DC100V
Contact Resistance	35mΩ or less @DC100mA
Withstanding Voltage	300V for 1 minute

Material and Finish

Item	Material	Finish
Hood	Zinc alloy die-cast	Silver finish
Insulation	PET Resin	Black
Contact	Pin	Beryllium copper
	Socket	Phosphor bronze
		Selective gold plating

Ordering Information

QM 10 — 14 R (L) — PR
 (1) (2) (3) (4) (5) (6)

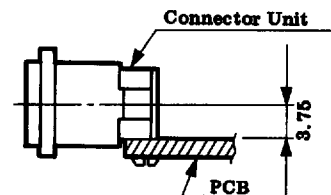
QM 30 — 14 P — EP
 (1) (2) (3) (4) (6)

QM — 14 — CS
 (1) (3) (6)

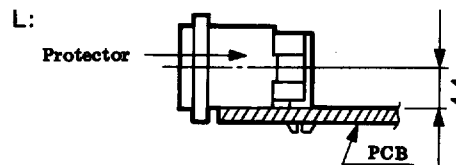
- (1) Series Number
 (2) Type 10: Right Angle P.C. Mount receptacle
 20: Straight P.C. Mount receptacle
 30: IDC Plug
 (3) No. of Pin: 8, 14, 26 and 32 way
 (4) P: Plug (for Hood cover)
 PA: Plug (for cover WITH Lock mechanism)
 R: Receptacle

(5) Type of Snap Latch mounting

Blank:



* Connector unit on a level with PCB.



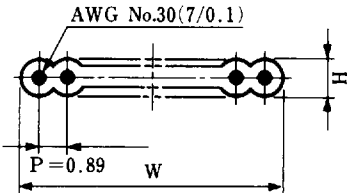
* Protector on a level with PCB.

(6) Accessories

- CS: Cover case with Lock mechanism
 CV: Hood cover case
 PR: Protector
 PR1: Protector (Without mounting hole)
 EP: Ground Plate
 SP: Stopper Plate

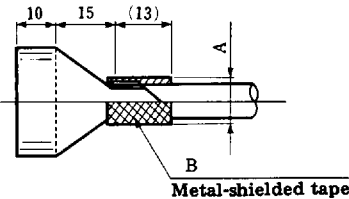
Plug Connector

1. Applicable Cable



No. of Core	Size	Pitch	W	H
8	AWGNo.30	0.89	7.12	0.7-0.75
14	AWGNo.30	0.89	12.46	*When Vinyl Chloride is used as Insulator
26	AWGNo.30	0.89	23.14	
32	AWGNo.30	0.89	28.48	

2. I/O End Finish



No. of Pin	A	B
8	4.8	After holding shield braid over cable sheath, wrap metal shielded tape up to about 1.5 circles.
14	5.5	
26	6.8	
32	7.3	

3. Tooling

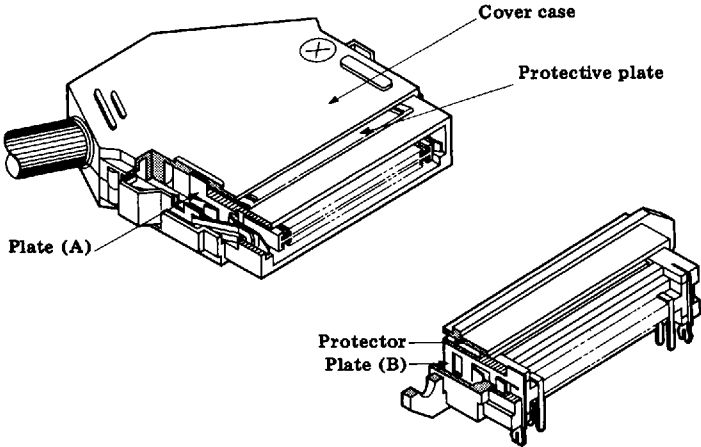
No. of Pin	Part No.	Pressure Block	Guide Plate	Connecting Press
8	QM30-8P*	QM30-***PB	QM30-8GP	HIF Connecting Press
14	QM30-14P*		QM30-14GP	
26	QM30-26P*		QM30-26GP	
32	QM30-32P*		QM30-32GP	

4. How to install cover case

Please refer to next page.

5. Precaution for Cable End Finish

The cover case of QM series is made of zinc alloy die-cast which is effective for EMI shielding protection and the outside of cover case is coated with silver to provide excellent connection. The shield structure for this QM series comprises 5 piece of parts as per below figure. Therefore, I/O End Finish Treatment is indispensable to EMI shielding protection. Grounding to PCB can be accomplished through the connection of plates provided on both side of plug and receptacle.

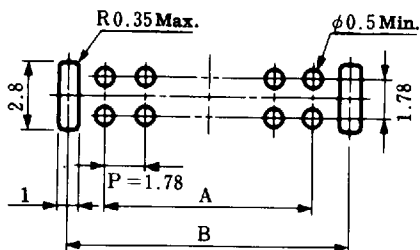


P.C. Mount Receptacle

1. PCB Layout

(mm)

Thickness of PCB: 1.6 mm

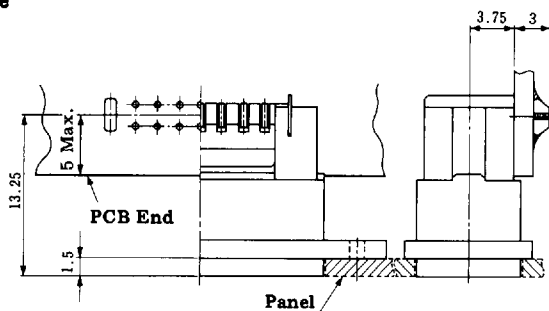


No. of Pin	Part No.	A	B
8	QM-8R	5.34	9.62
14	QM-14R	10.68	14.96
26	QM-26R	21.36	25.64
32	QM-32R	26.70	30.98

2. Mounting Style

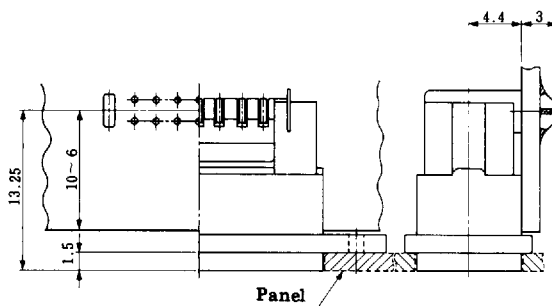
(mm)

A Type



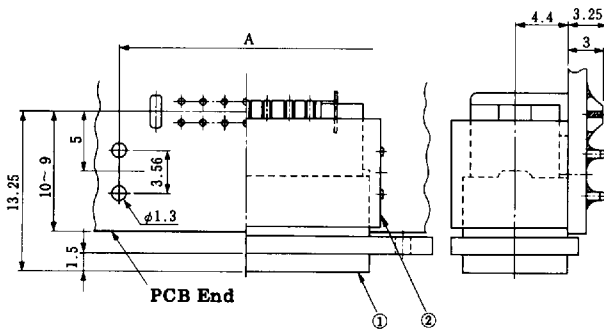
No. of Pin	Part No.
8	QM10-8R-PR
14	QM10-14R-PR
26	QM10-26R-PR
32	QM10-32R-PR

B Type



No. of Pin	Part No.
8	QM10-8R(L)-PR
14	QM10-14R(L)-PR
26	QM10-26R(L)-PR
32	QM10-32R(L)-PR

C Type



STOPPER PLATE assures strong holding force between connector and PCB against the external forces.

No. of Pin	Part No. Ⓞ	Part No. Ⓞ	A
8	QM10-8R(L)-PR	QM-8-SP	16.00
14	QM10-14R(L)-PR	QM-14-SP	21.34
26	QM10-26R(L)-PR	QM-26-SP	32.02
32	QM10-32R(L)-PR	QM-32-SP	37.36