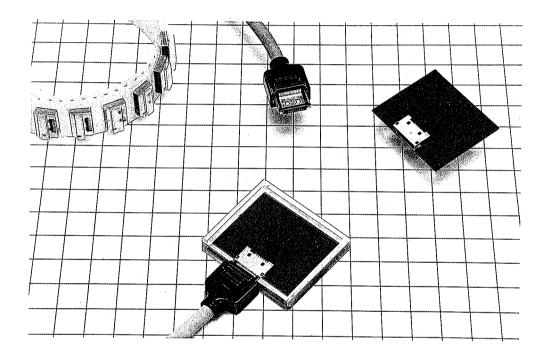
# 3200 SERIES SMT CONNECTORS FOR MICROMINIATURE INTERFACES

#### General

The 3200 Series connectors are to be used for EMIproof microminiature interfaces compatible with SMT. Contact pitch of 0.8 mm and a packaging height of 2.9

mm are designed to meet demands for smaller and thinner electronic equipment.



#### **Features**

- Receptacle connector height: 2.9 mm above the packaging surface of printed circuit boards (PCBs).
- Minimum contact pitch: 0.8mm, minimizing mounting area.
- Easy to mount on PCBs due to one-row SMT system.
- 4. Receptacle connectors are also available in embossed packaging.
- 5. Plugs are ESD protected by a metal shell.

- Fitted with latch-locks on both sides for easy mating.
  - This lock system requires minimum space.
- 7. Reinforcing fixtures are available in 0.5, 1, and 1.5mm lengths depending on PCB thickness.
- 8. Plug connectors can be terminated by soldering so that they are compatible with various types of wires.
- 9. 8 and 10-contact models available.

#### **Applications**

Portable personal computers, electronic notebooks, various OA equipment, and protable mobile communication equipment.

### **Main Specifications**

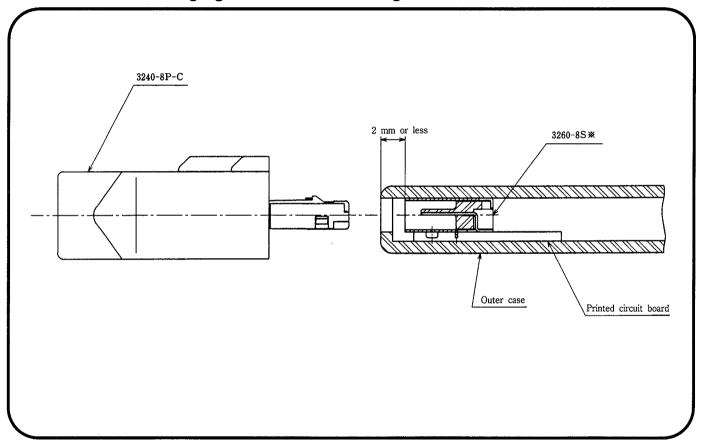
#### Material/Finish

Main specifications			
Rated current	500 mA		
Rated voltage	AC125V		
Insulation voltage	250 $M\Omega$ or more at DC100V		
Withstanding voltage	At AC300V r.m.s for 1 minute		

		Main materials use	d
Receptacle connector	Insulation	Synthetic resin	Black*
	Contact	Copper alloy	Selective gold-plated
	Shell	Stainless steel	Solder-plated
Plug connector	Insulation	Synthetic resin	Black*
	Contact	Copper alloy	Selective gold-plated
	Sheli	Copper alloy	Solder-plated
	Cover	Synthetic resin	Black*

₩ UL94V-0

#### **Connector Packaging Reference Drawing**



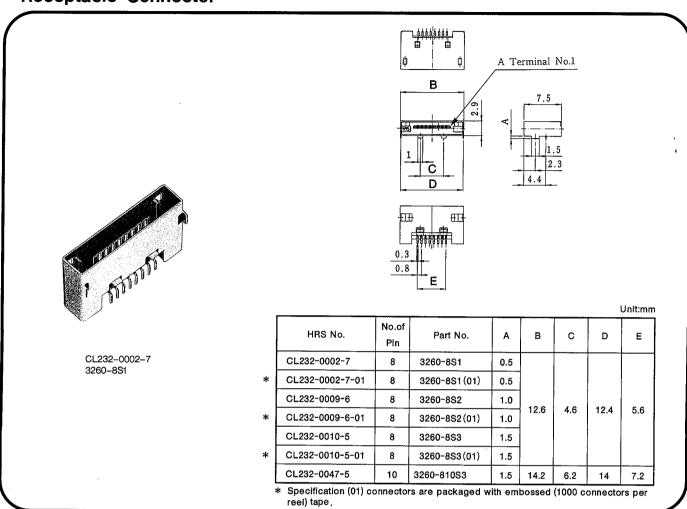
### **Applicable Cable**

Contacts of the plug side connectors are to be soldered. Due to limited covered inside space, use cables of approx. the following sizes.

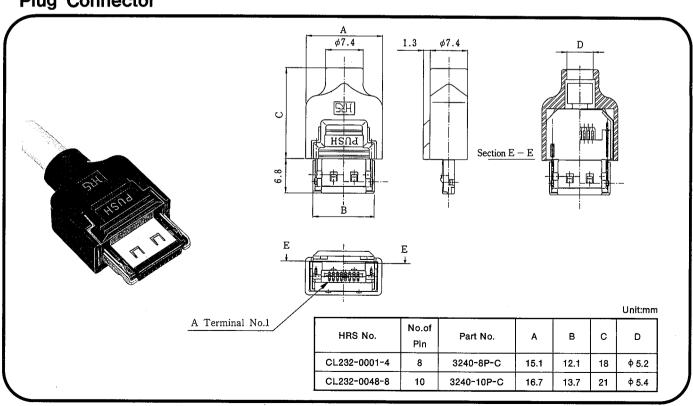
Sheath outside dia: \$\dphi\$ 5.2mm or less (8 contacts) \$\dphi\$ 5.4mm or less(10 contacts)

Core: AWG28 or less Insulation outside dia: \$\phi 0.7mm \text{ or less}\$

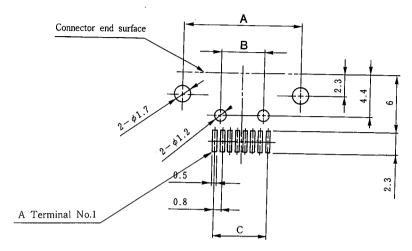
#### **Receptacle Connector**



### **Plug Connector**



# PCB Layout



			Unit:mm
Part No.	Α	В	С
3260-85*	12.4	4.6	5.6
3260-10S*	14	6.2	7.2

## **Harness Tools**

Connector	Process	Tools		
3240-8P-C	Cable clamps	Hi-Flex Connecting press (CL550-0082-2)	3240-8CV (clamping jig)	
3240-10P-C			3240-10CV (clamping jig)	