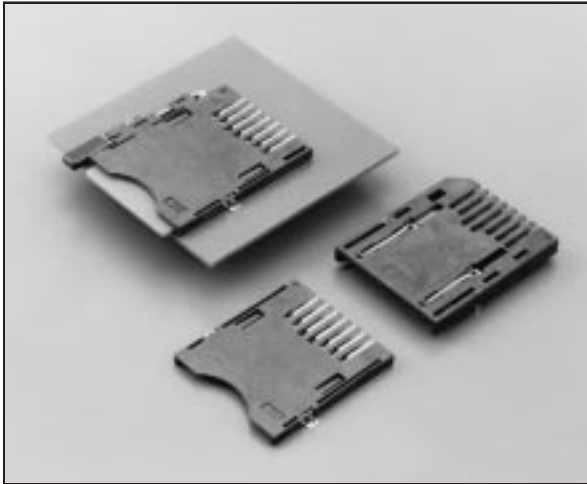


# SH1/SH2/SH3 SERIES CONNECTORS

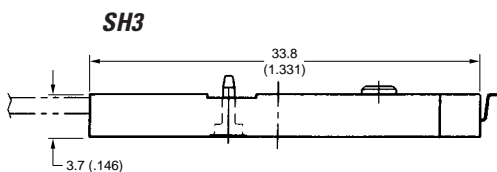
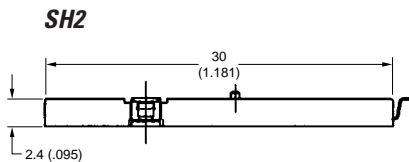
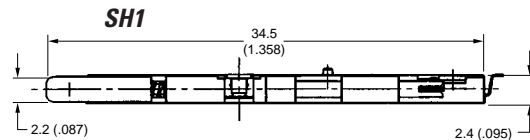
## 2.5mm (.098") Contact Spacing, Multi Media Card Connectors



### FEATURES

- 7 contacts, hot-plugable structure, pins 3 and 4 first make/last break contact to card pads first
- Surface mount technology
- Three versions are available:  
SH1 – with ejector  
SH2 – without ejector button  
SH3 – without ejector button and with a “push-push” card ejector feature
- Spring-loaded ejector button returns to initial position after being pushed
- Positioning boss and hold down
- 2.4mm (.094") low profile

Connector Profile (Ref.)



.....

The SH1, SH2 and SH3 Series connectors are designed to meet the standardization by MMCA (Multi Media Card Association). Applications for these connectors include small hand held communication devices such as, PDAs, HPCs, DVDs, mobile phones and other equipment.

### GENERAL SPECIFICATIONS

Number of Contacts	7
Current Rating	100 mA
Dielectric Withstanding Voltage	500 VAC r.m.s. (for one minute)
Insulation Resistance	1000 megohms min.
Contact Resistance	100 milliohms max.
Operating Temperature	-25°C to +90°C
Life Time	10,000 times

### MATERIALS AND FINISHES

#### • SH1

Description	Materials/Finishes
Insulator	Glass-filled LCP
Contact	Copper alloy, Connecting area: 0.1μm (.000004") min. Gold plating over Nickel Terminal area: Tin-Lead over Nickel
Hold Down	Copper alloy
Eject Plate	Stainless steel
Eject Bar	Stainless steel
Button	Glass-filled PPS
Spring	Stainless Steel

#### • SH2

Contact	Copper alloy, Connecting area: 0.1μm (.000004") min. Gold plating over Nickel Terminal area: Tin-Lead over Nickel
Housing	Glass-filled LCP
Hold Down	Copper alloy, Tin-Lead

#### • SH3

Contact	Copper alloy, Connecting area: 0.1μm (.000004") min. Gold plating over Nickel Terminal area: Tin-lead over Nickel
Cam Follower	Stainless steel
Spring	Stainless steel
Eject Plate	Stainless steel
Anchor Pin	Copper alloy, Tin plating
Housing	Glass-filled LCP

Dimensions and specifications subject to change without notice.

# SH1/SH2/SH3 SERIES CONNECTORS

2.5mm (.098") Contact Spacing, Multi Media Card Connectors

## ORDERING INFORMATION

	SH*	S	007	V	1	*
Series						
1 – Ejector						
2 – No ejector						
3 – No ejector, card push push						
Contact Type						
S – Socket						
No. of Contacts						
7						
Termination						
SMT						
Contact Finish						
1 – Connecting Area: Gold plating 0.1µm (.00004") min. over Nickel						
Terminal Area: Tin plating over Nickel						
Mounting Method						
A – Reverse						
B – Standard (SH2 only)						

Dimensions in mm (inches).