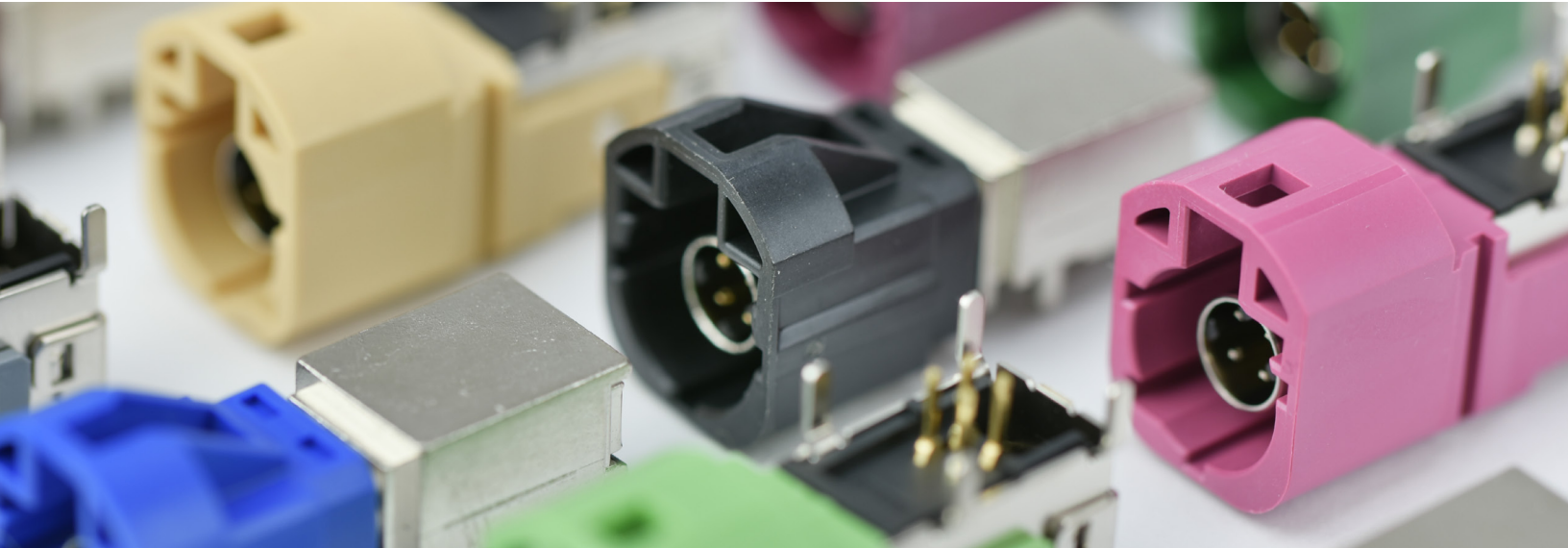


# MITSUMI HSD CONNECTORS



## HSD Series Angle Type Connectors

### Mitsumi HSD Connectors.

Mitsumi's high performance connectors offer an impedance-controlled interconnect system for High Speed Data (HSD) applications, and are perfectly suitable for low voltage differential signal (LVDS) transmissions. As part of a fully shielded system, these connectors can be used with shielded, twisted quad cables, to maintain signal integrity while preventing interference from cross talk or external sources. Designed to meet the demanding requirements of the automotive market, Mitsumi HSD Connectors are ideal for LVDS, cameras, USB, and IEEE 1394 (FireWire).

### Product Features:

- High Speed Data transmission including USB2.0, LVDS, Ethernet, and more
- Multiple variations available (HSD +2, HSD+4, HSD+8 and HSD Dual)
- Multiple codes available (mating key)
- Color Coding efficiency complies with Automotive standards
- High PCB retention force
- Pin-in-Paste Compatible
- Scoop proof design– contact pins protected from damage
- RoHS compliant
- Tape & Reel Packaging - suitable for automated assembly
- USCAR compliant design

### Applications:

- Automotive Electronics and Displays
- Telecom Industries, e.g. radio base stations
- Digital Infotainment Electronics
- Digital Symmetrical Networks
- USB 1.0, USB 2.0, USB 3.0
- LVDS
- Ethernet
- IEEE 1394 (FireWire)
- CAN (controller area network)
- MHL™ (mobile high-definition link)

















**Contact us for immediate design assistance.**

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[www.nmbtc.com](http://www.nmbtc.com)

## Ordering Information

HSD Coding				
	Shape	Coding	Color	RAI. No.
<b>Normal</b>		A	Jet Black	9005
		B	Cream White	9001
		C	Signal Blue	5005
		D	Claret Violet	4004
		E	Leaf Green	6002
		F	Nut Brown	8011
		Z	Water Blue	5021
<b>Reverse</b>		G	Blue Grey	7031
		H	Heather Violet	4003
		J	Beige	1001
		K	Curry	1027
		L	Yellow Green	6018
		M	Pastel Orange	2003
		O*	Light Green	6027

\*Coding O describes as P in How to order.

- Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
- The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.

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