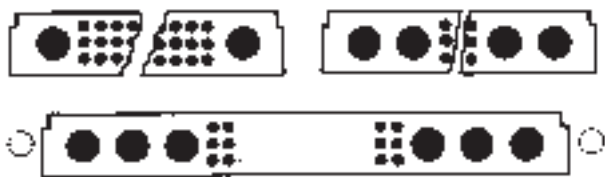


**Gds A Series DIN41612 Class 2 - continued**

**'M' Body Plugs and Sockets - continued**



209834

Style	Mfrs. List No.	Order Code	1+	10+	50+	100+	+
<b>78+2Contacts</b>							
90°plug	0903 178 6901	749-710‡	774.00	682.00	594.00	488.00	--
90°plug	0903 178 6901	109-6957●	774.00	682.00	594.00	459.00	--
PCB 4mm socket	0903 278 6805	749-722‡	369.00	324.00	281.00	217.00	--
PCB 4mm socket	0903 278 6805	109-6958●	369.00	324.00	281.00	217.00	--
<b>60+4Contacts</b>							
90°plug	0903 160 6901	749-734‡	446.00	392.00	341.00	264.00	--
90°plug	0903 160 6901	109-6959●	446.00	392.00	341.00	264.00	--
PCB 4mm socket	0903 260 6805	749-746‡	411.00	362.00	316.00	245.00	--
PCB 4mm socket	0903 260 6805	109-6960●	411.00	362.00	316.00	245.00	--
<b>42+6Contacts</b>							
90°plug	0903 142 6901	114-2814●	264.00	232.00	202.00	157.00	--
PCB 4mm socket	0903 242 6805	749-760‡	368.00	324.00	281.00	217.00	--
PCB 4mm socket	0903 242 6805	109-6961●	368.00	324.00	281.00	217.00	--
<b>64Contacts</b>							
90°plug	0903 124 6901	749-771‡	334.00	--	--	--	--
90°plug	0903 124 6901	109-6962●	297.00	--	--	--	--
PCB 4mm socket	0903 224 6805	749-783‡	401.00	352.00	304.00	238.00	--
PCB 4mm socket	0903 224 6805	109-6963●	401.00	352.00	304.00	238.00	--

414976

high speed, differential connector system, which is compatible with the Z-PACK 2mm HM connector line. Z-PACK HM-Zd provides Z-PACK 2mm HM users with a migration path for serial switching applications from 3.125Gbps to 5.0Gbps.

- Z-PACK HM-Zd is an extension of the Z-PACK 2mm HM product line Designed specifically for high speed differential applications
- A modular connector system with a standard module size of 25mm Contact pitch is 1.5mm within a pair and 3.0mm pair to pair within a column; column to column pitch is 2.5mm
- 4 signal contact pairs per column (40 pairs per 25mm) compatible with 8 row Z-PACK 2mm HM
- Available in vertical press fit pin headers and right angle press fit receptacles
- Optimized footprint for improved electrical performance and ease of routing channels on both daughter card and backplane

No. of Pairs	Mfrs. List No.	Order Code	1+	5+	10+
<b>Header - Vertical</b>					
40	6469002-1	963-6730●	1,336.00	1,186.00	1,068.00
<b>Receptacle - Right Angle</b>					
40	6469001-1	963-6714●	1,973.00	1,754.00	1,579.00
<b>90° Keyed Guide Modules, 2 Pin</b>					
Male	1-1469372-1	122-6256●	566.00	504.00	453.00
Female	1-1469373-1	122-6257●	488.00	435.00	391.00

9

Connectors - Signal & Data

**'R' Body Plugs and Sockets (Reverse 'C')**

**HARTING**



Contact rating	2A @ 20°C	Contact material	Copper alloy, Gold plating
Working voltage	250 V ac/dc	Mating cycles	400
Mfrs. List No.			
0973 164 6903. = 316-787	0973 164 6907. = 316-805	0973 264 6801. = 316-829	
0973 164 6903 = 109-6936	0973 164 6907 = 109-6938	0973 264 6801 = 109-6940	
0973 196 6903. = 316-799	0973 196 6907. = 316-817	0973 296 6801. = 316-830	
0973 196 6903 = 109-6937	0973 196 6907 = 109-6939	0973 296 6801 = 109-6942	

209702

No. of Ways	Rows Loaded	Pin Length 'L'	Order Code	1+	10+	50+	100+	+
<b>Plugs</b>								
64	a+c	4	316-787‡	267.00	241.00	208.00	189.00	--
64	a+c	4	109-6936●	267.00	241.00	208.00	189.00	--
96	a+b+c	4	316-799‡	340.00	314.00	309.00	239.00	--
96	a+b+c	4	109-6937●	340.00	314.00	309.00	239.00	--
64	a+c	13	316-805‡	340.00	298.00	254.00	238.00	--
64	a+c	13	109-6938●	340.00	298.00	254.00	238.00	--
96	a+b+c	13	316-817‡	460.00	400.00	345.00	325.00	--
96	a+b+c	13	109-6939●	460.00	400.00	345.00	325.00	--
<b>Sockets</b>								
64	a+c	3	316-829‡	500.00	437.00	376.00	354.00	--
64	a+c	3	109-6940●	500.00	437.00	376.00	354.00	--
96	a+b+c	3	316-830‡	580.00	504.00	436.00	408.00	--
96	a+b+c	3	109-6942●	580.00	504.00	436.00	408.00	--

**High Speed Differential**

**Z-Pack HM-Zd - 4 Pair**



**NEW**

Z-Pack HM-Zd is a

**Universal Serial Bus**

**Receptacles**



- 4 and 5 pin receptacles available
  - Through-hole and SMT
  - With or without back shielding
  - A and B types
  - A type in single and double deck
  - UL approved
- |                       |                      |                         |                                      |
|-----------------------|----------------------|-------------------------|--------------------------------------|
| Insulation resistance | 1000MΩ min.initial   | Temperature range       | 0°C to +40°C                         |
| Withstanding voltage  | 750V ac (rms), 60 Hz | Housing                 | Phosphor Bronze, Tin-Lead plated     |
| Current rating        | 1A max.              | Insulator               | Moulded Plastic UL94V-0              |
| Contact resistance    | 30mRΩ max.initial    | Plating (contact tails) | 0.76µm (30uin) PaNi Contact          |
| Contact capacitance   | 2pF max.             |                         | 2.54µm (100uin) tin-lead Solder tail |

209991

No. of Ways	Mfrs. List No.	Order Code	1+	100+	500+	1K+
<b>Thru Mount - Style A</b>						
4 position double deck	72309-030B	152-640▲‡	126.00	112.00	101.00	91.00
4 position double deck	72309-0034BLF	109-7895●	126.00	112.00	101.00	91.00
<b>Surface Mount - Style A</b>						
4 position, single deck	87583-0010	SMD 152-687▲‡	64.00	57.00	51.00	52.00
4 position, single deck	87583-0010BLF	SMD 109-7896●	64.00	57.00	55.00	52.00
<b>Thru Mount - Style B</b>						
4 position, single deck	61729-0010B	152-754▲‡	108.00	97.00	87.00	80.00
4 position, single deck	61729-0010BLF	109-7897●	108.00	97.00	87.00	80.00

**HDMI**

**High Definition Multimedia Interface (HDMI) Connector System**



The new HDMI cable assemblies, adaptors and connectors provide an uncompressed digital link between consumer electronics equipment such as DVD players, set-top boxes and audio video monitors such as plasma display screens for high definition TVs.

- Eliminates the confusion of multiple cables used to connect current A/V systems
- 5 Gbps supports high definition video and multichannel digital audio in a single cable
- 10,000 mating cycles
- DVI backward compatible
- Fully shielded
- Lead-free plating

Mfrs. List No.	Description	Order Code
887689800	1.0m Cable HDMI to HDMI	874-9981
887689810	2.0m Cable HDMI to HDMI	489-5630
887689820/592056203	3.0m Cable HDMI to HDMI	489-5642
887689830	5.0m Cable HDMI to HDMI	874-9990
887671010	10.0m Cable HDMI to HDMI*	875-0009
887671020	15.0m Cable HDMI to HDMI*	875-0017
887683500	1.0m Cable DVI to HDMI	875-0025
887683510	2.0m Cable DVI to HDMI	489-5654
887683520	3.0m Cable DVI to HDMI	489-5666
887683530	5.0m Cable DVI to HDMI	875-0033
887670910	10.0m Cable DVI to HDMI*	875-0041
887670920	15.0m Cable DVI to HDMI*	875-0050
5002541927	R/A Standard type Header	867-2822
5002541911	R/A Flange type Header	489-5680