

DVI Digital Visual Interface Compliant with DDWG DVI Rev 1.0

Supports single and dual link digital signaling, which allows for high speed digital transmissions of 4.95 Gbps or 9.9 Gbps. Analog coaxial lines allow for high speed Tx of 2.5 Gbps. A protruding shield enables first-make-last-break ESD protection. The fully shielded front shell makes for excellent EMI/RFI protection. Plug and Play compliant.

Electrical

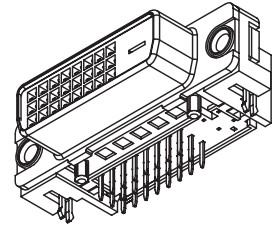
- Current – 1.5A
- DWV – 50/50Vdc
- Insulation Res. – 1 GΩ
- Contact Res. – 20mΩ max/mated pair

Mechanical

- Durability – 100 Cycles

Materials

- Front Shell/Bracket – Tin/Lead Plated Zinc Alloy
- Insulator – PBT UL94V-0
- Contacts – Phosphor Bronze
- Contacts Finish – Selective Gold
- Grounding Blade – Gold Plated Brass
- Board-locks – P/B
- Screw-locks – Brass



Right Angle PCB Mount Receptacle	Straight PCB Mount Receptacle	Adapters		
		<p style="text-align: center;">DVI Analog Plug to VGA Receptacle</p>		
Part Number System:	Part Number System:	Part Number	G12P002	
<p>G12A x x x x KA</p> <p>SIGNAL INTERFACE</p> <ul style="list-style-type: none"> 1: Analog & Digital (Integrated) 2: Digital only <p>CONTACT FINISH</p> <ul style="list-style-type: none"> 0: Gold Flash 3: 30µ" Gold <p>BOARD MOUNT OPTION</p> <ul style="list-style-type: none"> 2: Ground Post & Locators 3: Arrow Locks Ø1.93mm & Locators 4: Arrow Locks Ø3.17mm <p>FLANGE MOUNT OPTION</p> <ul style="list-style-type: none"> 0: No ScrewLocks 1: #4-40UNC ScrewLock Bulk Packed 2: #4-40UNC ScrewLock Installed <p><i>Suffix EU or LF indicates RoHS compliant</i></p>	<p>G12B x x x x</p> <p>SIGNAL INTERFACE</p> <ul style="list-style-type: none"> 1: Analog & Digital (Integrated) 2: Digital only <p>CONTACT FINISH</p> <ul style="list-style-type: none"> 0: Gold Flash 3: 30µ" Gold <p>BOARD MOUNT OPTION</p> <ul style="list-style-type: none"> 1: Arrow Locks only 5: Arrow Locks Ø1.93mm & Locators 6: Arrow Locks Ø3.17mm <p>FLANGE MOUNT OPTION</p> <ul style="list-style-type: none"> 0: No ScrewLocks 1: #4-40UNC ScrewLock Bulk Packed 2: #4-40UNC ScrewLock Installed <p><i>Suffix EU or LF indicates RoHS compliant</i></p>	<p style="text-align: center;">VGA Plug to DVI Digital/Analog</p>	Part Number	G12P003
		<p style="text-align: center;">DVI Analog Plug to VGA Receptacle</p>	Part Number	G12P004

DVI Cable Mount Plug	DVI Cable Assemblies		
	<p style="text-align: center;">DVI-analog</p>	<p style="text-align: center;">DVI-digital</p>	<p style="text-align: center;">VGA</p>
Part Number System:			
<p>G12C x x x x KA</p> <p>SIGNAL INTERFACE</p> <ul style="list-style-type: none"> 1: Analog & Digital 3: Analog only 4: Digital only with ThumbScrews <p>CONTACT FINISH</p> <ul style="list-style-type: none"> 0: Gold Flash 3: 30µ" Gold <p>FACTORY CODE Mainly for Internal Use</p> <ul style="list-style-type: none"> 1: Shielding Can/w/oScrew 2: Shielding Can <p>FRONT SHELL OPTION</p> <ul style="list-style-type: none"> 1: Nickel Plated 2: Tin/Lead Plated 	<p style="text-align: center;">DVI-digital single link</p>	<p style="text-align: center;">DVI-digital dual link</p>	<p style="text-align: center;">DVI-digital single link</p>
	<p style="text-align: center;">DVI-digital dual link</p>	<p style="text-align: center;">DVI-digital /analog</p>	<p style="text-align: center;">DVI-digital /analog</p>
	<p style="text-align: center;">DVI-analog</p>	<p style="text-align: center;">DVI-analog</p>	<p style="text-align: center;">DVI-analog</p>
	Part Numbers available upon request		