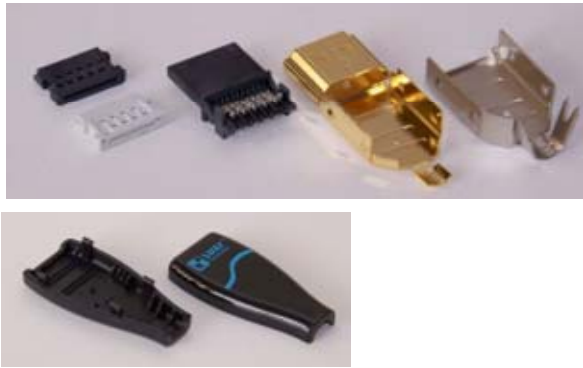
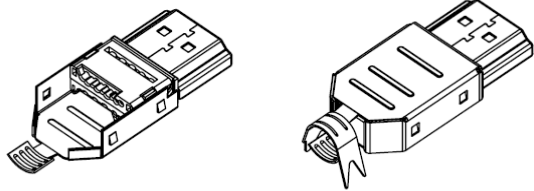




Product Specification	Part Number: 68-010-01																				
HDMI 30 AWG DIY connector/clamshell for ribbon cable	Model: DIY-30BS10																				
Product Image	Product Drawing																				
																					
Features and Benefits	General																				
<ul style="list-style-type: none"> > Luxi Electronics patented HDMI DIY design > Luxi Electronics patented HDMI locking plug design > Terminate HDMI in the field in about 5 minutes > No solder, no wire stripping, just one crimp > Better electrical performance than factory made cable! > Pull HDMI raw cable thru wall then terminate > HDMI plug repair in the field > Cut to length in rack termination for neat wire dressing > HDMI 2.0 4k 60 Hz, 3D, HEAC compliance > Gold plated full metal shell for better strength and shielding > Each component interlocks to each other for high reliability > Increased wall thickness for high strength and no cracking > RoHS compliant 	<p>Connector type: HDMI Type A Gender: male Number of pins: 19 HDMI spec compliance: rev 2.0 Compatible raw wire: 30 AWG Luxi HDMI ribbon wires</p>																				
Package	Mechanical																				
10 sets of components (for making 10 connectors) in one PET tray; and 10 sets of clamshells in another tray	<p>Overall plug width (with clamshell): 0.81" (20 mm) Overall plug height (with clamshell): 0.45" (11 mm) Overall plug length (with clamshell): 2.0" (51 mm) Retaining force (pulling from female): 10 lbs (4.5 kg) typical Contact pin gold plating: 30 u" (0.76 um) Top metal shell gold plating: 2 u" (0.05 um) Contact pin pitch: 0.039" (1.00 mm)</p>																				
 <p>10-pc tray: 12.6" (32 cm) x 4.1" (10 cm) x 0.55" (1.4 cm) 10-pc tray weight: 0.5 lb (230 g) 300-pc box: 13.8" (35 cm) x 13.8" (35 cm) x 12.8" (32 cm) 300-pc box weight: 16.5 lb (7.5 kg)</p>	Electrical																				
Other Related Products	<p>Supported formats: 4k, 3D, deep color, 1080p, etc. Max data rate: depends on cable length; 24 Gbps at 2 m Max cable length: 12 m (40') at 1080p typical (30 AWG) up to 28 m (93') with HDMI extender Max current: 0.5 A Max voltage: 40 V Shielded: Yes Impedance: 100 ohms +4/-2 at the termination point</p>  <table border="1" data-bbox="868 1759 1372 1869"> <tr> <td colspan="4">Parameter Name: HDMI Cat2 Transition Area Impedance D0</td> </tr> <tr> <td>Spc Max: 115 Ω;Ext: 125 Ω</td> <td>Spc Min: 85 Ω;Ext: 75 Ω</td> <td colspan="2"></td> </tr> <tr> <td>Max: 102.39 Ohms at 39.1872 ns</td> <td>Min: 92.86 Ohms at 39.3472 ns</td> <td colspan="2"></td> </tr> <tr> <td>Δ Ω: 9.53</td> <td>Avg: 97.63 Ohms</td> <td colspan="2"></td> </tr> <tr> <td>Duration Max: 250 ps</td> <td>Result: Pass</td> <td colspan="2"></td> </tr> </table>	Parameter Name: HDMI Cat2 Transition Area Impedance D0				Spc Max: 115 Ω;Ext: 125 Ω	Spc Min: 85 Ω;Ext: 75 Ω			Max: 102.39 Ohms at 39.1872 ns	Min: 92.86 Ohms at 39.3472 ns			Δ Ω: 9.53	Avg: 97.63 Ohms			Duration Max: 250 ps	Result: Pass		
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<p>Hand tool, P/N 68-011-01, model DIY-28T</p>  <p>HDMI raw cable spool in a box, available in 2 lengths 250' (76 m) spool, P/N 22-002-06, model HD-30RB250 500' (152 m) spool, P/N 22-002-07, model HD-30RB500</p>  <p>HDMI Extender P/N 74-035-01 model EHD-111</p>																					