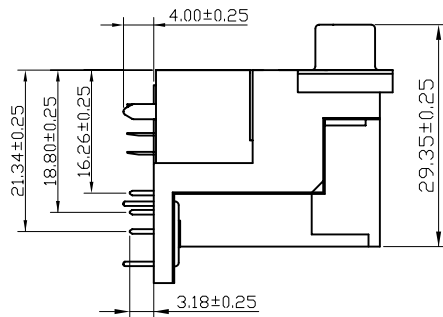
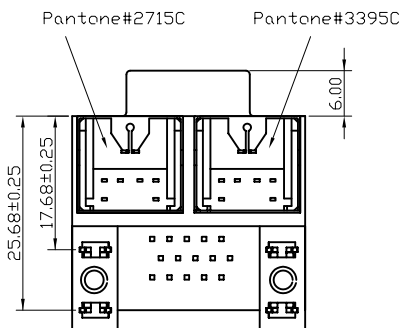


RECOMMENDED PCB LAYOUT



Mini-DIN

Material And Finish  
 Body-PBT Thermoplastic,  
 UL94V-0 Rated, Black  
 Pc 99 colorful insulator-  
 Pantone#2715C-Left  
 Pantone#3395C-Right

Contacts-Phosphor Bronze  
 Gold Flash on Contacts,  
 Tin/Lead on Termination  
 Shield-Phosphor Bronze,  
 Tin Plated

Electrical Characteristics  
 Contact Resistance-  
 Before Test-  
 Plug to Shield-50 Milliohms max.  
 Plug to Terminals-30 Milliohms max.  
 After Test-  
 Plug to Shield-100 Milliohms max.  
 Plug to Terminals-60 Milliohms max.  
 Insulation Resistance  
 500 Megohms Min.

Dielectric Withstanding Voltage  
 500V AC RMS For 1 Minute  
 Rated current  
 1 Amp at 12V DC  
 Mechanical Characteristics  
 Durability Test-500 Cycles Min.  
 Locked Retention Strength-5lbs. Min.  
 Temperature  
 -25 °C~+70 °C

- △ Pin #9 Recessed by 1.27mm(0.050")
- △ Blue Insulator signifies 5V capability and full feature Access Bus capability in accordance with VESA

D-Sub

Material And Finish  
 Shell -Steel zinc plated or tin plated  
 Board Lock-Brass strip-H tin plated  
 Screw-Brass nickel plated  
 △ Insulator and Bracket-  
 PBT with glass-fiber reinforced  
 UL-94V0,color blue  
 Contact Material-  
 Socket-Phosphor bronze

Duplex plated as follows:  
 A-.000030[.00076]gold on mating end,  
 tin-lead on termination end,  
 with entire contact nickel  
 B-.000015[.00038]gold on mating end,  
 tin-lead on termination end,  
 with entire contact nickel  
 C-Gold flash on mating end,  
 tin-lead on termination end,  
 with entire contact nickel

Specifications  
 Rated current  
 5A  
 Rated Voltage  
 300V DC  
 Withstanding Voltage  
 500V(r.m.s) AC for 1 minute  
 Insulation Resistance  
 more than 1000M ohm at 500V DC  
 Contact Resistance  
 13m ohm Max  
 Dielectric Strength  
 1000V AC Min for 1 minute  
 Temperature  
 -55 °C~+105 °C

HDMD-FR99-1566-LF

LEADFREE

RoHS Compliant



煜倫股份有限公司

PART NO. HDMD-FR99-1566		CHECKED BY CY		TOLERANCES ARE		DESCRIP TION: D Subminiature , Right Angle Stacked Connectors & 6 pos, M					
DWG NO. HDMD-FR99-1566		DRAWING BY		.X±0.2 .XX± .XXX± AWG							
FILE NO.		PROJECTION		AREA		REVISIONS		HK		DATE	
UNIT / mm	SCALE 1:1										