

METAL SHELL RIGHT ANGLE FEMALE RECEPTACLES

LOW COST GOLD FLASH



PHYSICAL PROPERTIES

INSULATION MATERIAL: Glass filled thermoplastic rated UL 94V-0
 COLOR: Black
 CONTACTS: High strength copper alloy
 METAL SHELL: Steel, bright tin plate
 DURABILITY: Up to 50 insertions and withdrawals without degradation of performance, dependent upon contact plating thickness selected

ELECTRICAL PROPERTIES

OPERATING VOLTAGE: 600 VDC (sea level)
 CURRENT RATING: 5 Amperes
 CONTACT RESISTANCE: 10 milliohms max. @ rated current
 INSULATION RESISTANCE: 5000 megohms minimum
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC minimum

ENVIRONMENTAL PROPERTIES

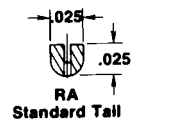
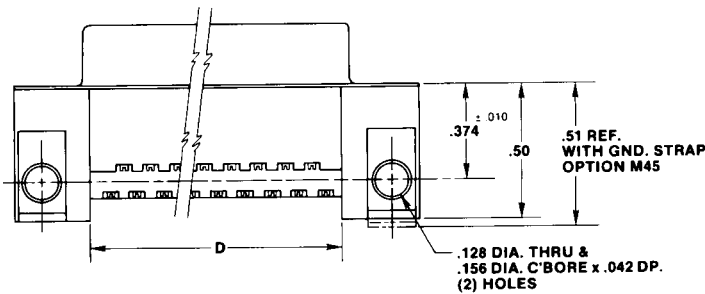
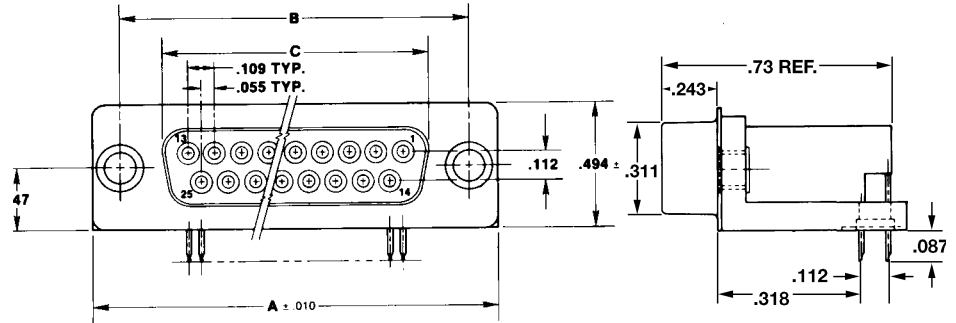
TEMPERATURE RATING: -55°C TO 125°C

MOUNTING HARDWARE

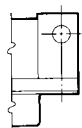
Passivated stainless steel

PART NUMBER: 187500110002

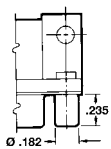
Included In Assembly: (2) #4 Flat Washers
 (1) #4 Lock Washers
 (1) #4-40 Nut
 Connector Sold Separately



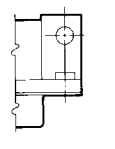
TAIL SECTION (X-X)



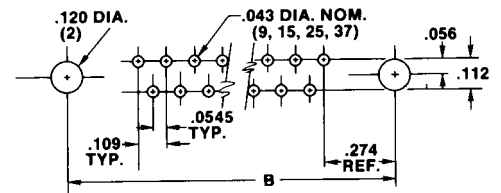
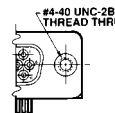
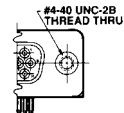
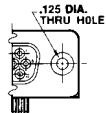
MOUNTING STYLE A
FLUSH



MOUNTING STYLE B
THREADED STANDOFF



MOUNTING STYLE C
FLUSH INSERT



PC BOARD HOLE PATTERN

Ordering Information

NUMBER OF CONTACTS	BASIC CONNECTOR W/THRU HOLES	CATALOG NUMBER BY MOUNTING STYLE		DIMENSIONS			
		ROUND STANDOFF 4-40 THREAD	FLUSH INSERT 4-40 THREAD	A	B	C	D
9	H5R09RA24A*	H5R09RA24B*	H5R09RA24C*	1.224	.984	.646	.624
15	H5R15RA24A*	H5R15RA24B*	H5R15RA24C*	1.552	1.312	.974	.952
25	H5R25RA24A*	H5R25RA24B*	H5R25RA24C*	2.092	1.852	1.514	1.492
37	H5R37RA24A*	H5R37RA24B*	H5R37RA24C*	2.740	2.500	2.162	2.140

*Insert S for metal PC board snap latches and P for plastic PC board latches.

Specifications subject to change.

Above Board Electronics • 800-453-1692 FAX: 408-573-4343 • AboveBoardElectronics.com Dimensions shown are for reference only. Dimensions are in millimeters (inches).

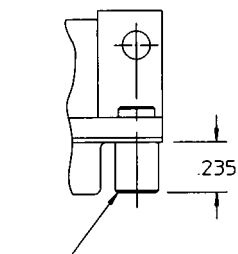
DESCRIPTION/APPLICATION

Thomas & Betts Holmberg® High Density D-Subminiature Connectors are compatible with industry standards including the VESA-Display Data Channel (DDC) standard.

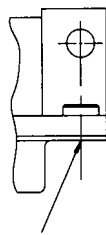
DESIGN ADVANTAGES

- Available in 26 and 15 contact sizes. Size 15 VESA-VGA option has contact #9 recessed .050" to provide 5 volt sequential mating allowing "plug & play" capability.
- Available in all the standard Holmberg® D-Sub mounting configurations. These include fixed stand-offs, threaded inserts and PC board snaps for grounding and ease of installation.
- Flexible plating options to fit various budgets and performance needs.

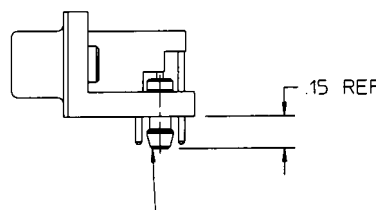
HIGH DENSITY D-SUBMINIATURE CONNECTORS RIGHT ANGLE, P.C. BOARD MOUNT



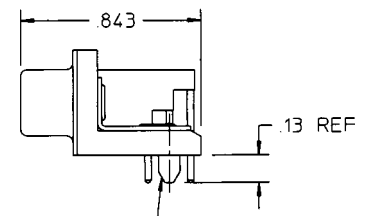
THREADED STANDOFF
#4-40 UNC-2B
THREAD THRU



FLUSH INSERT
#4-40 UNC-2B
THREAD THRU



**PLASTIC SNAP
LATCH FOR .062" PCB**



**METAL SNAP
LATCH FOR .062" PCB**

Optional Mounting Styles

PC Board Snap Latches



VESA DCC COMPATIBLE CONNECTOR



LR49571 E60980

PHYSICAL PROPERTIES

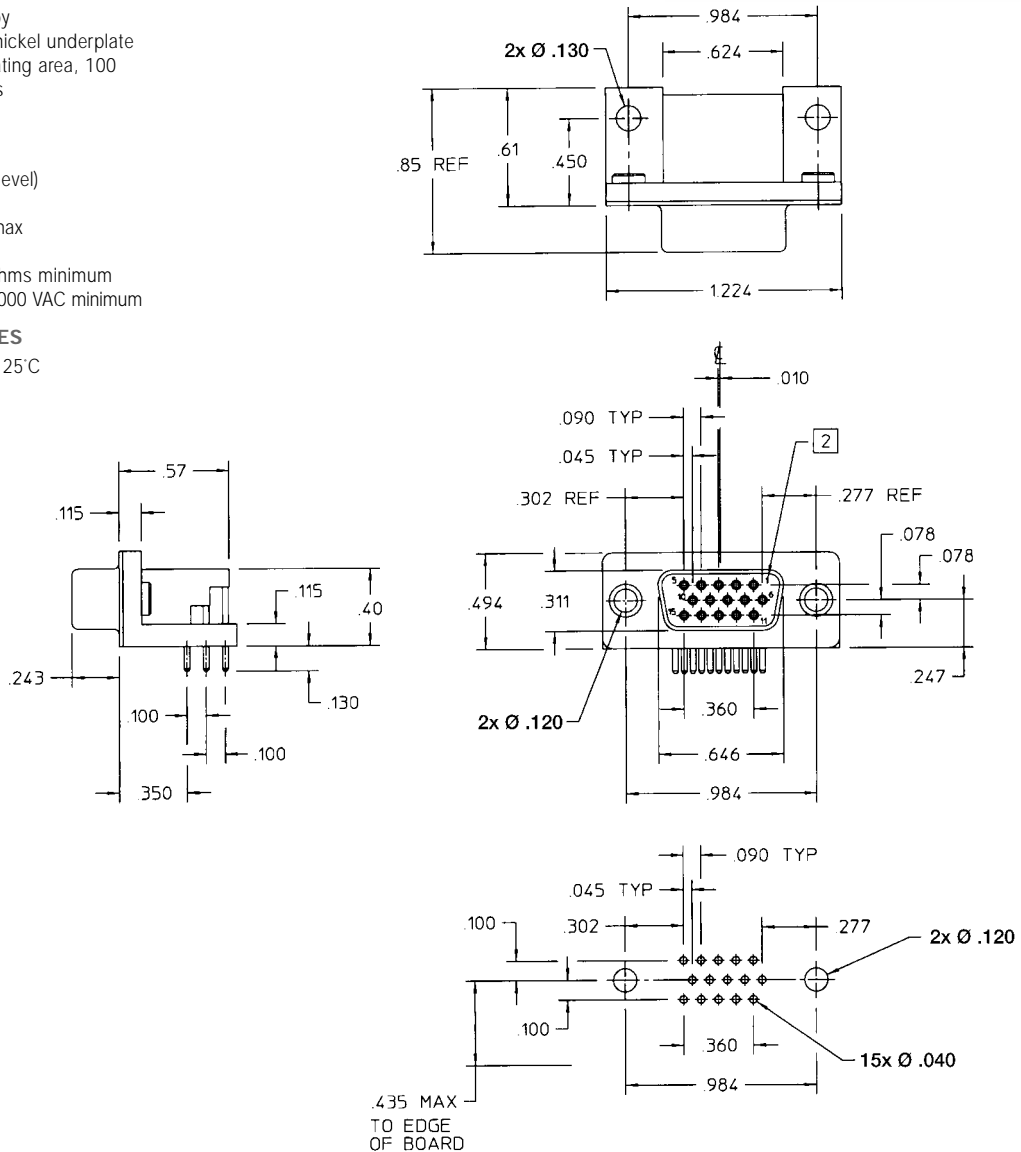
INSULATOR BODY: Glass filled polyester
UL rating 94V-0
COLOR: Blue
CONTACT: High strength copper alloy
CONTACT PLATING: 50 microinches nickel underplate with 30 microinches gold in the mating area, 100 microinch minimum tin/lead on tails
METAL SHELL: Steel, bright tin plate

ELECTRICAL PROPERTIES

OPERATING VOLTAGE: 600 VDC (sea level)
CURRENT RATING: 5 amps
CONTACT RESISTANCE: 10 milliohms max @ rated current
INSULATION RESISTANCE: 5000 megohms minimum
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC minimum

ENVIRONMENTAL PROPERTIES

OPERATING TEMPERATURE: -55°C to 125°C



Ordering Information

BULKHEAD MOUNTING STYLE	CONTACT PLATING: 30 MICROINCH GOLD			CONTACT PLATING: GOLD FLASH		
	.125" THRU	PLASTIC SNAPLATCH	METAL SNAPLATCH	.125" THRU	PLASTIC SNAPLATCH	METAL SNAPLATCH
125° Thru Hole	HDR15RA29AM514	HDR15RA29APM514	HDR15RA29ASM514	HDR15RA24AM514	HDR15RA24APM514	HDR15RA24ASM514
4-40 Standoff	HDR15RA29BM514	HDR15RA29BPM514	HDR15RA29BSM514	HDR15RA24BM514	HDR15RA24BPM514	HDR15RA24BSM514
4-40 Flush	HDR15RA29CM514	HDR15RA29CPM514	HDR15RA29CSM514	HDR15RA24CM514	HDR15RA24CPM514	HDR15RA24CSM514

HIGH DENSITY 26 POSITION METAL SHELL RECEPTACLES FOR RIGHT ANGLE PCB MOUNTING



LR49571 E60980

PHYSICAL PROPERTIES

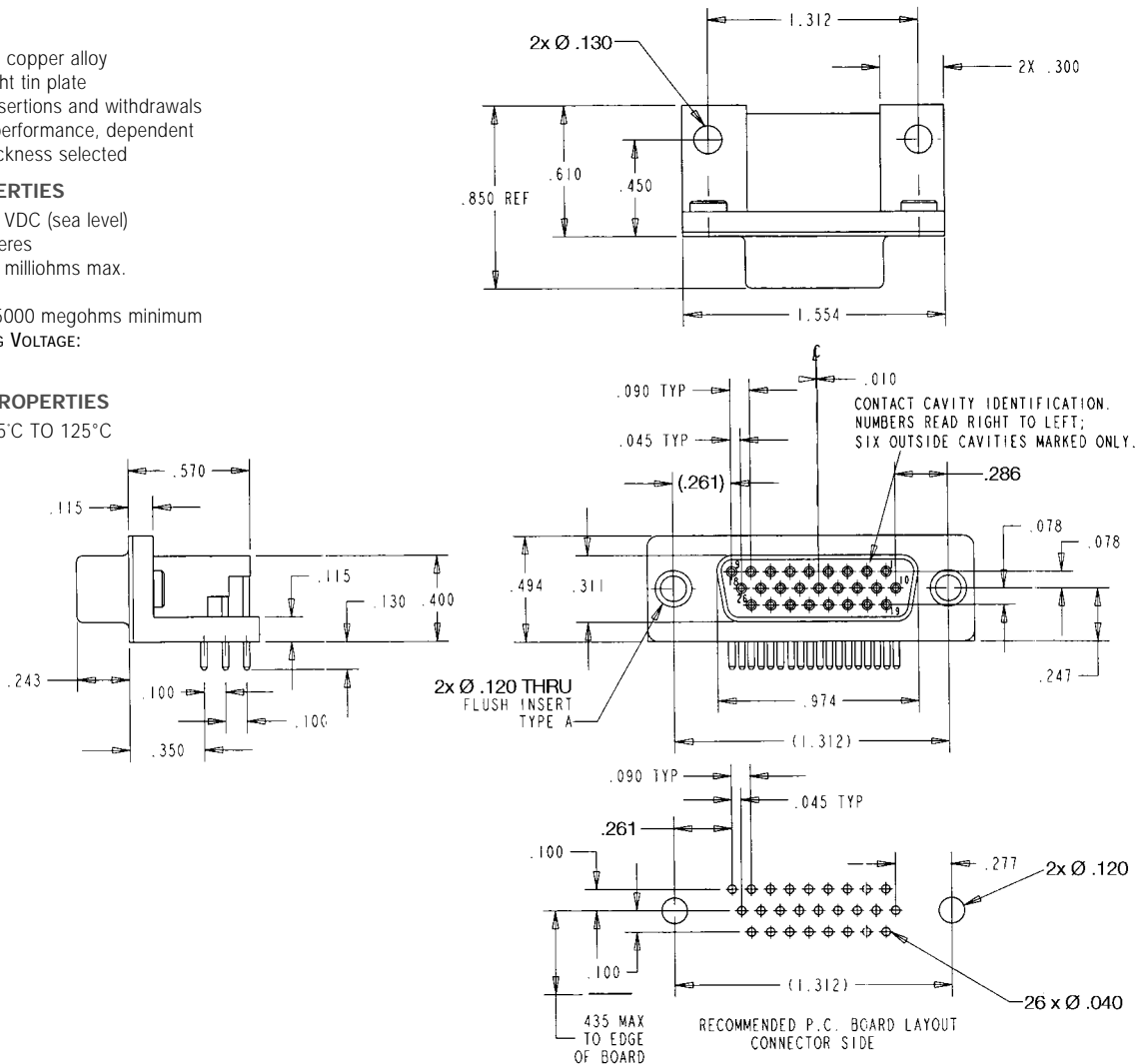
INSULATION MATERIAL: Glass filled thermoplastic rated UL 94V-0
COLOR: Black
CONTACTS: High strength copper alloy
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26 125" Thru Hole	HDR26RA29A	HDR26RA29AP	HDR26RA29AS	HDR26RA24A	HDR26RA24AP	HDR26RA24AS
26 4-40 Standoff	HDR26RA29B	HDR26RA29BP	HDR26RA29BS	HDR26RA24B	HDR26RA24BP	HDR26RA24BS
26 4-40 Flush	HDR26RA29C	HDR26RA29CP	HDR26RA29CS	HDR26RA24C	HDR26RA24CP	HDR26RA24CS