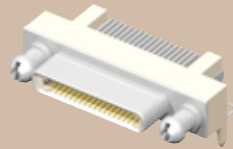
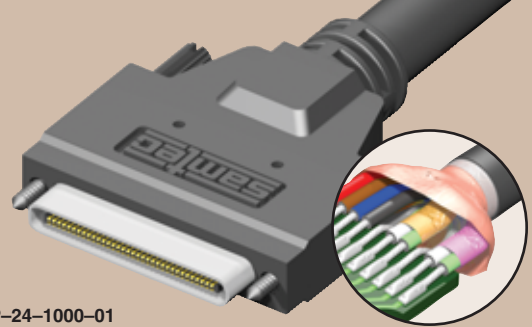




VRDPC-36-01-M-RA



VPSTP-24-1000-01



HIGH SPEED I/O SYSTEM VPLSP, VPSTP, VRDPC SERIES

Mates with:
VRDPC

SPECIFICATIONS

For complete specifications see
www.samtec.com?VPLSP or
www.samtec.com?VPSTP

Operating Temp Range:

-20°C to + 80°C

Signal Routing:

100Ω Differential

Pinout Map:

See web address above

RoHS Compliant:

Yes

Name	V-Port™	V-Port™ Plus
Series	VPSTP	VPLSP
Cable Type	 30 AWG Shielded Twisted Pair	 26 AWG MiniSkew Low Skew Pair
Performance @ 1 meter	950 MHz / 1.90 Gbps	1.41 GHz / 2.82 Gbps

APPLICATION SPECIFIC

Pin 1 to Pin N/2+1 available.
Call Samtec.

Note: This Series is non-standard, non-returnable.

TYPE

VPLSP

= High Density
Low Skew Pair Cable

VPSTP

= High Density
Shielded Twisted Pair Cable

NO. OF SIGNAL PAIRS

-08, -12,
-16, -24

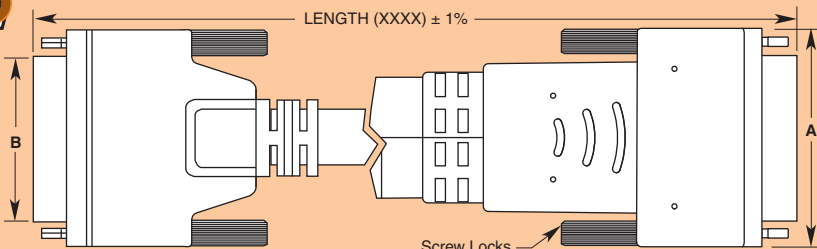
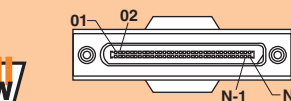
LENGTH

-“XXXX”
= Length in millimeters
-1000, -3000, -5000

WIRE OPTION

-01
= Pin 1 to Pin 1

NO. OF PAIRS	A (VPSTP)	A (VPLSP)	B (VPSTP/VPLSP)	NO. OF POS.
-08 & -12	(30,50) 1.201	(30,20) 1.189	(19,80) .780	36
-16	(36,00) 1.417	(35,80) 1.409	(25,40) 1.000	50
-24	(43,20) 1.701	(43,20) 1.701	(32,60) 1.283	68



VPSTP SHOWN

VPLSP SHOWN

VRDPC

NO. OF POSITIONS

01

PLATING

TERMINATION

SPECIFICATIONS

For complete specifications see
www.samtec.com?VRDPC

Insulator Material:

Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Shell Material: Zinc Alloy

Hood Material:

Zinc Alloy or PVC

Contact Plating:

Sn or Au over 50µ" (1,27µm) Ni

Shell & Hood Plating: Ni

Operating Temp Range:

-55°C to +105°C

Current Rating: 1 A

Contact Resistance: < 15 mΩ

Insulation Resistance:

> 500 MΩ @ 500V

Dielectric Voltage:

500V @ 60 sec

RoHS Compliant: Yes

Note: Some lengths, styles and options are non-standard, non-returnable.

-36

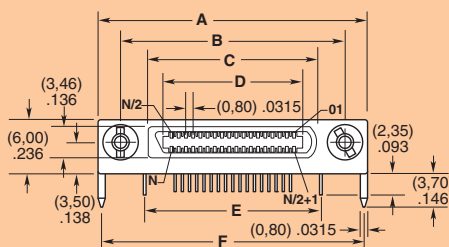
= 36 Positions / Mates with VPSTP/VPLSP 8 and 12 Pairs

-50

= 50 Positions / Mates with VPSTP/VPLSP 16 Pairs

-68

= 68 Positions / Mates with VPSTP/VPLSP 24 Pairs



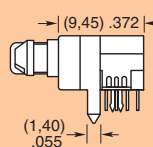
-M

= 15µ" (0,38µm)
Gold on contacts,
Matte Tin on tails

-RA

= Right Angle

NO. OF POSITIONS	A	B	C	D	E	F
-36	(29,90) 1.177	(24,90) .980	(18,85) .742	(15,50) .610	(19,55) .770	(29,10) 1.146
-50	(35,50) 1.400	(30,50) 1.200	(24,45) .963	(21,10) .831	(25,15) .990	(34,70) 1.366
-68	(42,70) 1.681	(37,70) 1.484	(31,65) 1.246	(28,30) 1.114	(32,35) 1.274	(41,90) 1.650



Due to technical progress, all designs, specifications and components are subject to change without notice.

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