

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0799250002

Status:

Active

Overview:

tdp_triad_differential_pair

Description:

TDP® (Triad® Differential Pair) PCIe x1 Cable Assembly, 18 Circuit, 3.00m (9.842') Length, 4-40 Jackscrew

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Cable Assemblies

Series

79925

Connector to Connector

PCI Express*-to-PCI Express*, TDP®-to-TDP®

Overview

tdp_triad_differential_pair

Product Name

PCI Express*, TDP®

Physical

Cable Length

3.0m (9.84')

Circuits (Loaded)

18

Color - Resin

Black

Gender

Male-Male

Lock to Mating Part

Yes

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Packaging Type

Bag

Pitch - Mating Interface (in)

0.050 In

Pitch - Mating Interface (mm)

1.27 mm

Plating min: Mating (µin)

75

Plating min: Mating (µm)

1.875

Plating min: Termination (µin)

100

Plating min: Termination (µm)

2.5

Single Ended

No

Termination Interface: Style

Through Hole

Wire Insulation Diameter

N/A

Wire Size AWG

28

Wire/Cable Type

Round

Electrical

Current - Maximum per Contact

1.5A

Shielded

Yes

Voltage - Maximum

40V

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-79925-002



Series
image - Reference only

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS

50

Pb

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

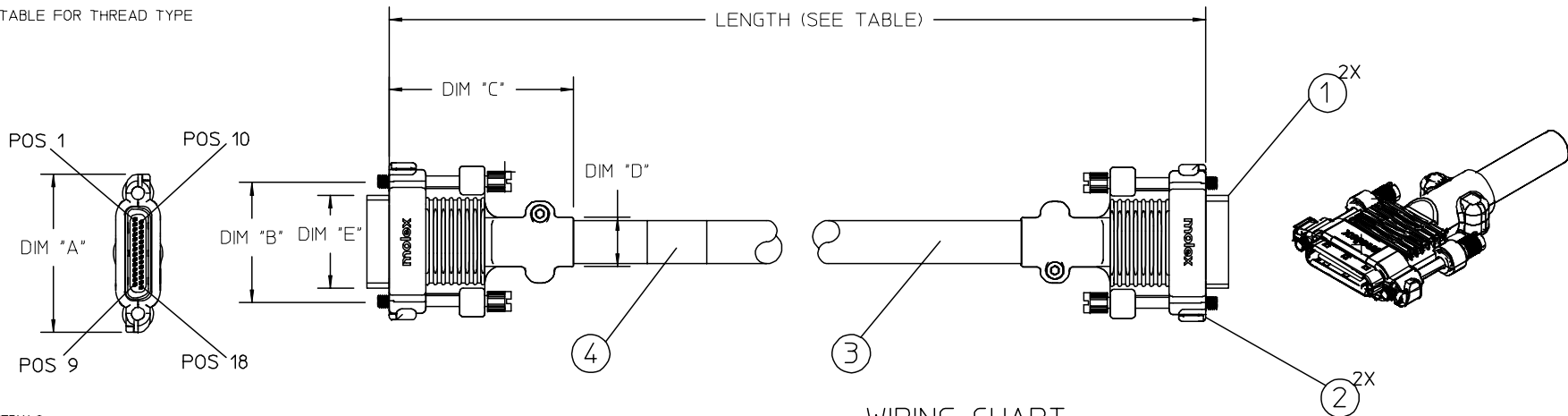
Search Parts in this Series

79925Series

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6		5		4		3		2		79925	
PART NO.	CIRCUIT SIZE	LENGTH	JACK SCREW THREAD TYPE	'A' DIM	'B' DIM	'C' DIM	'D' DIM	'E' DIM			
79925-0001	18	1000 +/-50MM	4-40 JACKSCREW P/N	.1319/.3351	.950/24.13	1.835/46.62	.490/12.45	.672/17.07			
79925-0002		3000 +/-100MM	(STANDARD)								
79925-0003		1000 +/-50MM	M3 JACKSCREW P/N								
79925-0004		3000 +/-100MM	(SPECIAL)								

SEE TABLE FOR THREAD TYPE



NOTES:

1. PLUG MATERIALS:

SHIELD - DEEP DRAWN STEEL
HOUSING - GLASS FILLED POLYMER, BLACK, UL 94V-0
CONTACTS - COPPER ALLOY, OVERMOLDED WITH GLASS FILLED POLYMER, BLACK, UL 94V-0

2. BACKSHELLS MATERIALS:

BACKSHELL - ZINC ALLOY DIE CAST, FINISH BLACK POLYURETHANE ENAMEL.
(NICKLE PLATED BACK SHELLS AVAILABLE, CONTACT PRODUCT MANAGER FOR INFORMATION)

JACKSCREW - STEEL ALLOY, FINISH BLACK OXIDE.

MOUNTING SCREW - STEEL ALLOY, FINISH BLACK ZINC PLATING.

3. ELECTRICAL SPECIFICATIONS:

100 OHMS DIFFERENTIAL IMPEDANCE
HIGH SPEED DIFFERENTIAL PAIRS
INDIVIDUAL PAIR AND OVERALL SHIELDS TO MINIMIZE CROSSTALK AND RADIATED EMISSIONS

4. APPLY LABEL WITH FOLLOWING INFORMATION:

P/N (SEE TABLE)
REV (SEE REVISION TABLE)
M/D WW/YY
ASSEMBLED IN MEXICO

5. WIRING CHART ACCORDING TO TABLE.

WIRING CHART

1 S	10 G
2 S	11 NC
3 NC	12 S
4 G	13 S
5 NC	14 NC
6 S	15 G
7 S	16 NC
8 NC	17 S
9 G	18 S

ITEM	P/N	DESCRIPTION	QTY
5	0799426019	PLASTIC LABEL EPC#R-TW10F	1 PC
3	0751150018	18 CKT TDP PLUG CABLE KIT (4-40/BLK)	2 PC
2	0750001018	TDP Plug Kit w/trimmed tails 18 Ckt	2 PC
1	799232207	CABLE 4 PARALLEL PAIR TURBO/TWIN, 28AWG	A/R

PRELIMINARY EC NO: MEX2004-0062 DRWN: AORZCO 2003/12/01 CHKD: GVILLAGR 2003/12/01 APPR: GVILLAGR 2003/12/01 A	DESCRIPTION QUALITY SYMBOLS ▽ - 0 C - 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY		
			mm	INCH	DIMENSION STYLE IN/MM		TITLE TDP 1000HMS DIFFERENTIAL CABLE ASSEMBLY 18CKT 3MT 4-40 JACKSCREW				
		4 PLACES	± ---	± ---							
		3 PLACES	± ---	± ---	DRAWN BY DATE		MOLEX MOLEX INCORPORATED				
		2 PLACES	± ---	± ---	AORZCO 09/15/2003						
		1 PLACE	± ---	± ---	CHECKED BY DATE		MATERIAL NO. DOCUMENT NO. SHEET NO.				
		ANGULAR ±1/2°			AORZCO 09/15/2003						VARIOS SD-79925-002 1 OF 1
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPROVED BY DATE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
					ACUEVAS 09/15/2003						
REV		A									