

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0799250004

Status:

Active

Overview:

tdp_triad_differential_pair

Description:

TDP® (Triad® Differential Pair) PCIe x1 Cable Assembly, 18 Circuit, 3.00m (9.842') Length, M3 Jackscrew



image - Reference only

Series

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-79925-004
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EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



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.

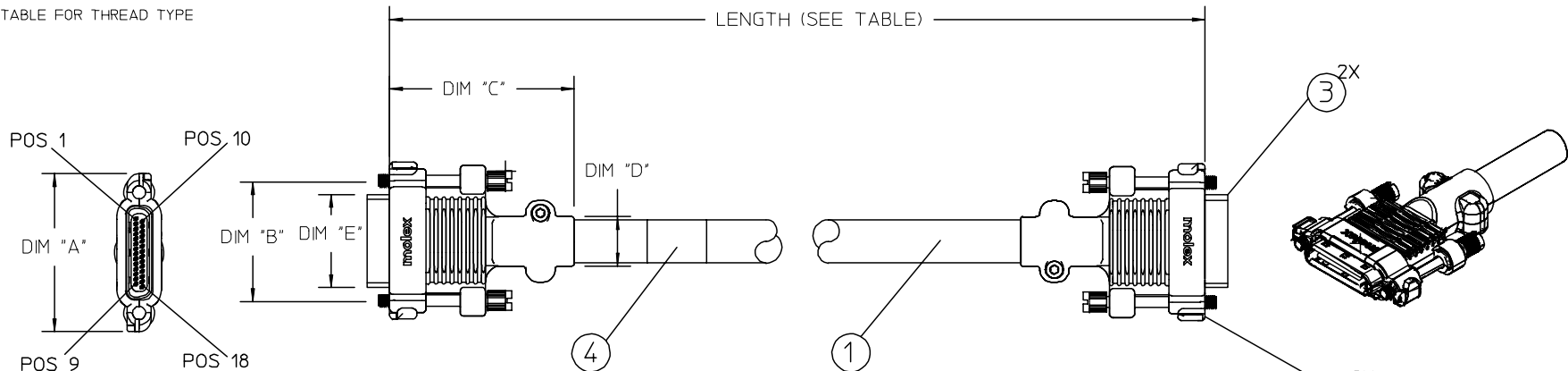
Search Parts in this Series

79925Series

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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	1.319/33.51	.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

ROHS

ITEM	P/N	DESCRIPTION	QTY
4	0799426019	PLASTIC LABEL EPC#R-TW10F	1 PC
3	0751151018	18 CKT TDP PLUG CABLE KIT (M3/BLK)	2 PC
2	0750001018	TDP Plug Kit w/trimmed tails 18 Ckt	2 PC
1	798231040	CABLE 4 PARALLEL PAIR TURBO/TWIN, 28AWG	A/R

CHANGE TO ROHS EC NO: MEX2007-0080 DRWN: SALBA 2007/03/06 CHKD: A. CUEVAS 2007/03/06 APPR: ACUEVAS 2007/03/06				DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
			 =0			mm	INCH	DRAWN BY AOROZCO	DATE 09/15/2003	TITLE TDP 100OHMS DIFFERENTIAL CABLE ASSEMBLY 18CKT 3MT M3 JACKSCREW				
			 =0		4 PLACES	± ---	± ---	CHECKED BY AOROZCO	DATE 09/15/2003					
					3 PLACES	± ---	± ---	APPROVED BY ACUEVAS	DATE 09/15/2003	molex MOLEX INCORPORATED				
				2 PLACES	± ---	± ---								
				1 PLACE	± ---	± ---			DOCUMENT NO. SD-79925-004					
				ANGULAR ±1/2°			MATERIAL NO. SEE CHART						SHEET NO. 1 OF 01	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							