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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

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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image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
Halogen-Free
Status

China RoHS



Not Reviewed

**Need more information on product
environmental compliance?**

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

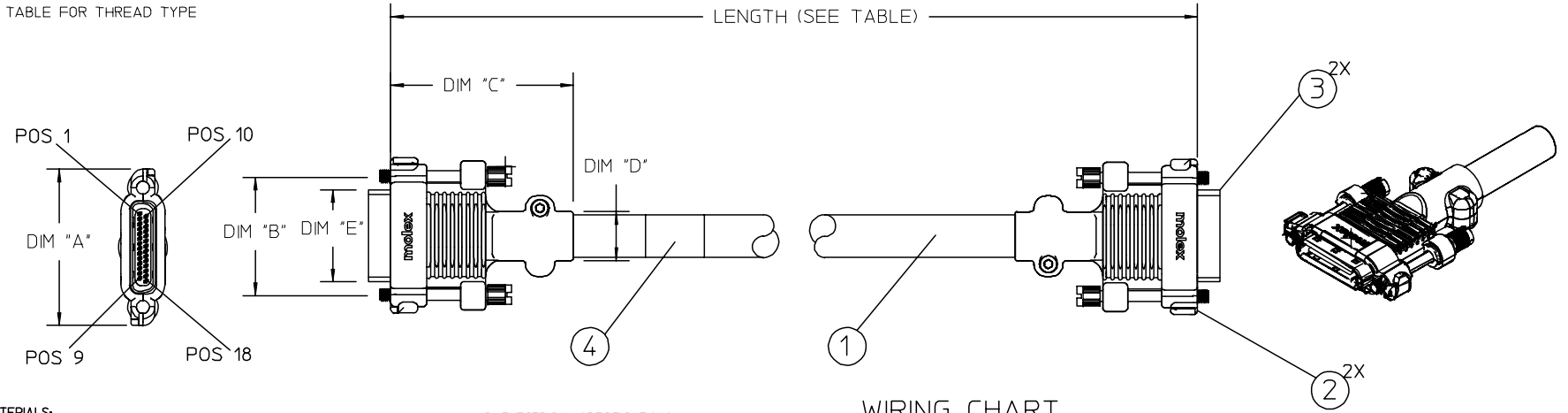
Please visit the [Contact Us](#) section for any
 non-product compliance questions.

Search Parts in this Series

[79925Series](#)

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 (STANDARD)	1.319/33.51	.950/24.13	1.835/46.62	.490/12.45	.672/17.07
79925-0002		3000 +/-100MM						
79925-0003		1000 +/-50MM	M3 JACKSCREW P/N (SPECIAL)					
79925-0004		3000 +/-100MM						

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