

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

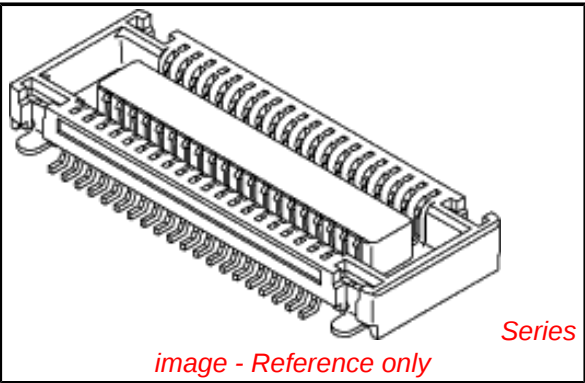
0543630389

Status:

Active

Description:

0.50mm (.020") Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 2.00 and 3.00mm (.079 and .118") Stacking Heights, with Solder Tabs, 30 Circuits, Lead-free



Documents:	
3D Model	Product Specification PS-54363-046 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Receptacles
Series	54363
Application	Board-to-Board
Product Name	SlimStack™
Physical	
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height (in)	0.079 In
Mated Height (mm)	2.00 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.000 In
PC Tail Length (mm)	0.00 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.000 In
PCB Thickness Recommended (mm)	0.00 mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.020 In
Pitch - Mating Interface (mm)	0.50 mm
Pitch - Term. Interface (in)	0.020 In
Pitch - Term. Interface (mm)	0.50 mm
Plating min: Mating (µin)	10
Plating min: Mating (µm)	0.25
Plating min: Termination (µin)	2
Plating min: Termination (µm)	0.05
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC (RMS)/DC

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

54363Series

Mates With

55201 PCB Header, 55650 PCB Header

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-54363-046
SD-54363-049, SD-54363-050

This document was generated on 04/16/2010

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F

E

D

C

B

A

F

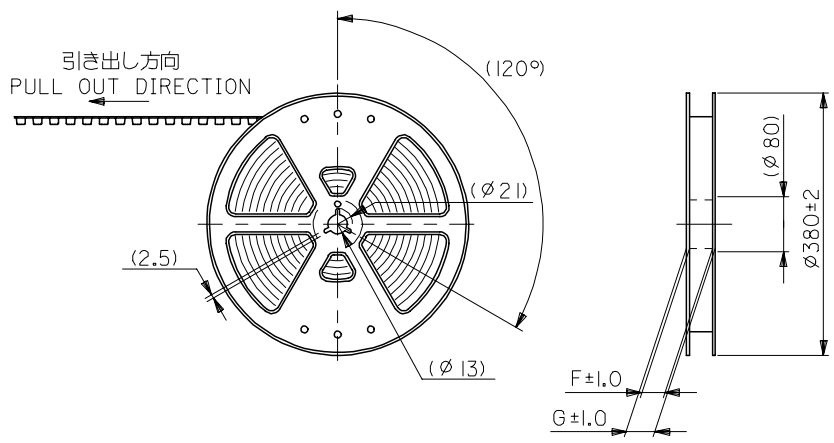
E

D

C

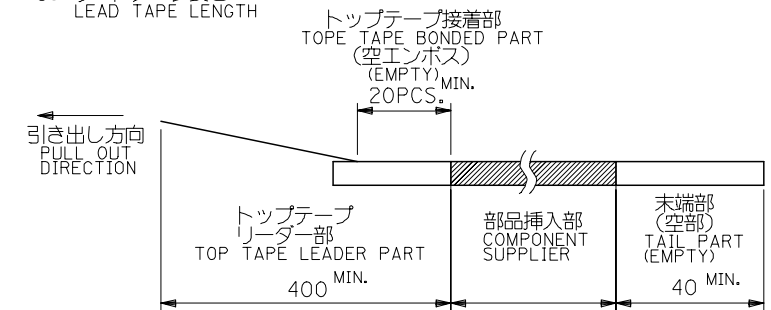
B

A



注)
NOTES

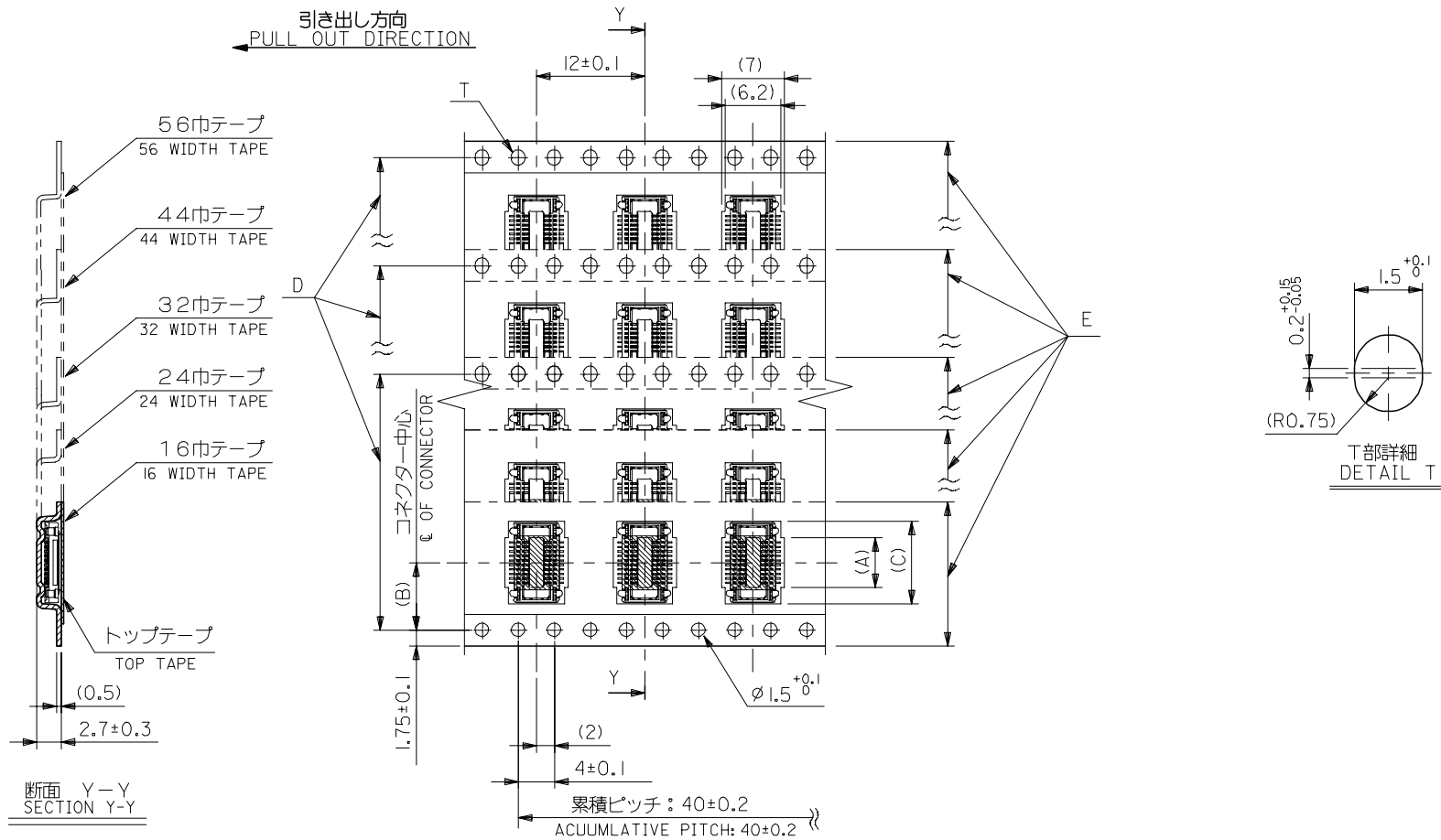
- 製品番号 54363-**81 詳細寸法については、製品単体図面を参照下さい。
IN THE PACKAGE PART NUMBER 54363-**81 DETAILED DIMENSIONS,
SEE SALES DRAWING FOR CONNECTOR.
- 梱包数量: 2500個/リール
NUMBER OF CONNECTORS: 2500 PCS/REEL.
- リードテープ長さ
LEAD TAPE LENGTH



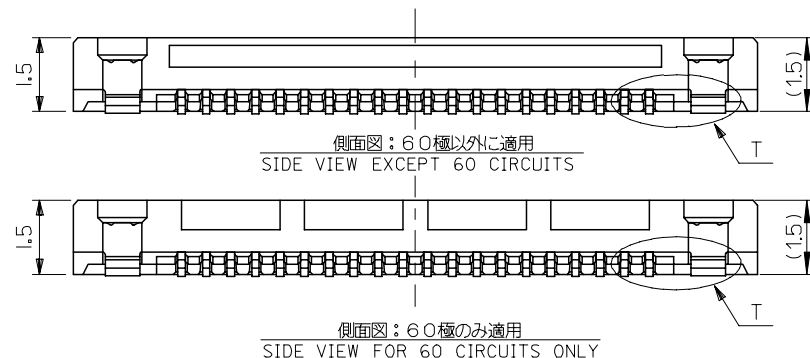
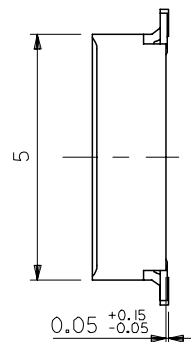
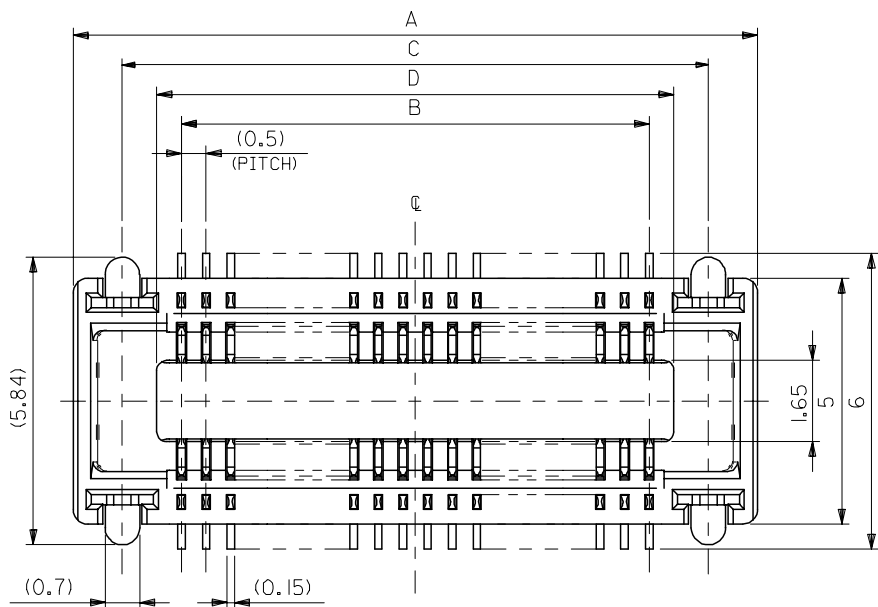
- 材料
MATERIAL
キャリアテープ: ポリプロピレン (PP)
CARRIER TAPE: POLYPROPYLENE (PP)
トップテープ: PET, PE, PEF
TOP TAPE: PET, PE, PEF
リール: ポリスチレン
REEL: POLYSTYRENE

61.4	57.4	56±0.3	52.4	44.2	26.2	40.55	54363-1689	160	—
				39.2		35.55	54363-1489	140	○
				34.2		30.55	54363-1289	120	○
49.4	45.4	44±0.3	40.4	31.7	20.2	28.05	54363-1189	110	○
				29.2		25.55	54363-1089	100	○
				26.7		23.05	54363-0989	90	—
				24.2		20.55	54363-0889	80	○
37.4	33.4	32±0.3	28.4	21.7	14.2	18.05	54363-0789	70	○
				19.2		15.55	54363-0689	60	○
29.4	25.4	24±0.3	—	16.7	11.5	13.05	54363-0589	50	○
				14.2		10.55	54363-0489	40	○
				11.7		8.05	54363-0389	30	○
21.4	17.4	16±0.3	—	9.2	7.5	5.55	54363-0289	20	○
G	F	E	D	(C)	(B)	(A)	製品番号 MATERIAL NO.	極数 CIRCUITS	量産対応 AVAILABLE
キャリアテープ幅 CARRIER TAPE WIDTH									

REVISED EC NO: J2007-1632 DRWN: NABEI CHKD: KTOYODA APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY Y. AOYAGI	DATE 2006/11/08	TITLE EMBOSSD TAPE PACKAGE FOR 54363-**81				
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA	DATE 2006/11/08					
		30 OVER	±0.3	APPROVED BY N. UKITA	DATE 2006/11/08	MOLEX INCORPORATED				
		ANGULAR	±3 °	MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54363-049		1 OF 2		
	REV			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



REVISED EC NO: J2007-4632 DRAWN:MABEL CHKD:KTOYODA APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY Y.AOYAGI	DATE 2006/11/08	TITLE EMBOSSD TAPE PACKAGE FOR 54363-**81			
		10 OVER 30 UNDER	± 0.25	CHECKED BY K.TOYODA	DATE 2006/11/08				
		30 OVER	± 0.3	APPROVED BY N.UKITA	DATE 2006/11/08	 MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-54363-049		2 OF 2	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

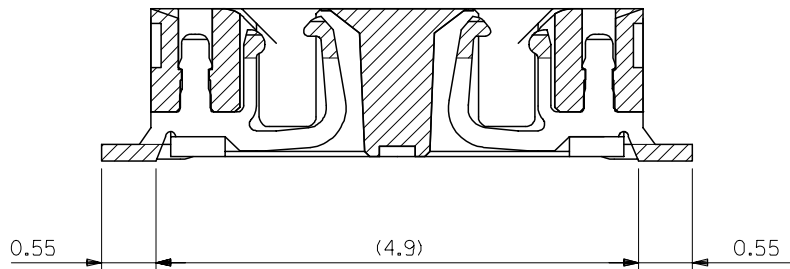


注記 NOTES:

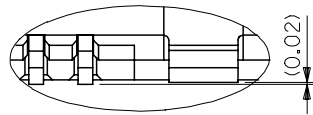
1. 材質
MATERIAL
ハウジング: LCP (液晶ポリマー)、ガラス充填、黒色、UL94V-0
HOUSING: LCP LIQUID CRYSTAL POLYMER, GLASS FILLED, BLACK, UL94V-0
ターミナル: 銅合金 (t=0.15)
TERMINAL: COPPER ALLOY (t=0.15)
ネイル: 銅合金 (t=0.2)
NAIL: COPPER ALLOY (t=0.2)
2. メッキ仕様
PLATING
ターミナル
TERMINAL
接点部: 金メッキ 0.25マイクロメートル以上
CONTACT AREA: GOLD 0.25 MICROMETER MINIMUM
半田付け部: 金メッキ 0.4マイクロメートル以上
SOLDER TAIL AREA: GOLD 0.4 MICROMETER MAXIMUM
下地メッキ: ニッケルメッキ 1.5マイクロメートル以上
UNDER PLATING: NICKEL 1.5 MICROMETER MINIMUM
ネイル
NAIL
銅メッキ 3.0マイクロメートル以上
TIN 3.0 MICROMETER MINIMUM
下地メッキ: ニッケルメッキ 1.0マイクロメートル以上
UNDER PLATING: NICKEL 1.0 MICROMETER MINIMUM
3. テール平坦度は、0.08ミリメートル以下。テールとネイルを併せた平坦度は、0.1ミリメートル以下。
TAIL COPLANARITY TO BE 0.08 MAXIMUM. TAILS AND NAILS COPLANARITY TO BE 0.1 MAXIMUM.
4. 嵌合相手: 55201-****, 55650-**** (H=2mm)
MATED CONN.: 55201-****, 55650-**** (H=2mm)
5. 本製品は、54363-xx71 (エンボス梱包品 54363-xx78) のニッケルバリア品である。
THIS PRODUCT IS 'NICKEL BARRIER' OF 54363-xx71 (EMBOSSED TAPE PKG 54363-xx78).

40.5	41.9	39.5	43.9	54363-1689	54363-1681	160	—
35.5	36.9	34.5	38.9	54363-1489	54363-1481	140	○
30.5	31.9	29.5	33.9	54363-1289	54363-1281	120	○
28	29.4	27	31.4	54363-1189	54363-1181	110	○
25.5	26.9	24.5	28.9	54363-1089	54363-1081	100	○
23	24.4	22	26.4	54363-0989	54363-0981	90	—
20.5	21.9	19.5	23.9	54363-0889	54363-0881	80	○
18	19.4	17	21.4	54363-0789	54363-0781	70	○
15.5	16.9	14.5	18.9	54363-0689	54363-0681	60	○
13	14.4	12	16.4	54363-0589	54363-0581	50	○
10.5	11.9	9.5	13.9	54363-0489	54363-0481	40	○
8	9.4	7	11.4	54363-0389	54363-0381	30	○
5.5	6.9	4.5	8.9	54363-0289	54363-0281	20	○
D	C	B	A	エンボス梱包品 EMBOSSED TAPE PACKAGING	製品番号 MATERIAL NO.	極数 CIRCUITS	量産対応 AVAILABLE

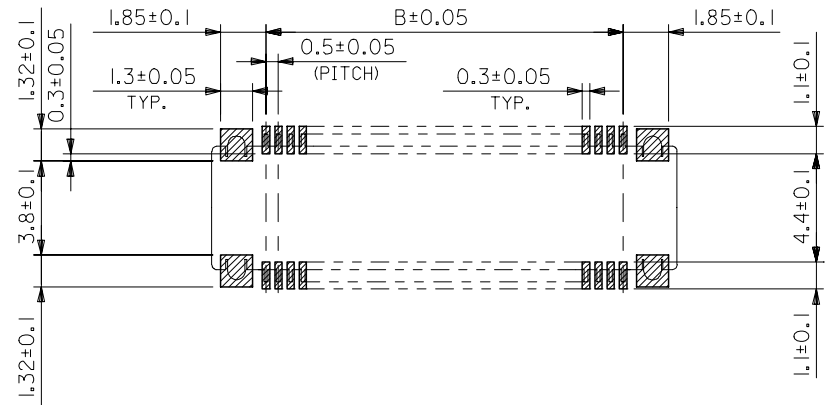
REVISED	EC NO.: J2008-1106 DRAWN: YAOYAGI CHKD: KTOYODA APPR: NUKITA	2007/10/04 2007/10/05 2007/10/05	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				10 UNDER	±0.2	DRAWN BY Y. AOYAGI	DATE 2006/11/08	TITLE 0.5 MM PITCH B/B CONN. WITH FITTING NAIL -LEAD FREE- MOLEX INCORPORATED		
				10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA	DATE 2006/11/08			
				30 OVER	±0.3	APPROVED BY N. UKITA	DATE 2006/11/08			
				ANGULAR ±3 °		MATERIAL NO.				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54363-050		
REV	3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



半田付け部詳細図
DETAIL FOR SOLDERING AREA



T部詳細
DETAIL T



推奨基板寸法
RECOMMENDED PCB PATTERN LAYOUT
(SCALE 5:1)

REVISED	EC NO.: J2008-1106 DRAWN: YAOYAGI CHKD: K TOYODA APPR: NUKITA	2007/10/04 2007/10/05 2007/10/05	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				10 UNDER	± 0.2	DRAWN BY Y. AOYAGI	DATE 2006/11/08	TITLE 0.5 MM PITCH B/B CONN. WITH FITTING NAIL -LEAD FREE-			
				10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOYODA	DATE 2006/11/08				
				30 OVER	± 0.3	APPROVED BY N. UKITA	DATE 2006/11/08	MOLEX INCORPORATED			
				ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-54363-050		2 OF 2	
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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<http://moschip.ru/get-element>

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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