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Part Number:

0473621002

Status:

Active

Overview:

serial_ata_127_host_receptacles

Description:

1.27mm (.050") Pitch Combo SATA Cable Connector, Straight Type, with Arris on both surface, with bumps, 0.38µm (15µ") Gold (Au), 22 Circuits, Lead Free

Documents:

3D Model

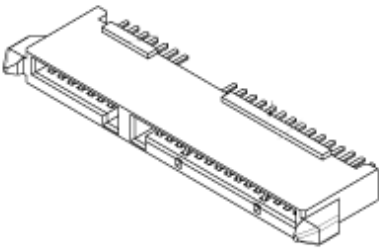
Drawing (PDF)

Product Specification PS-47362-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	I/O Connectors
Series	47362
Application	Wire-to-Board
Comments	Straight Type
Component Type	Receptacle
Overview	serial_ata_127_host_receptacles
Product Name	Serial ATA
Type	N/A

Physical	
Boot Color	N/A
Circuits (Loaded)	22
Circuits (maximum)	22
Circuits Detail	Signal 7, Power 15
Color - Resin	Black
Durability (mating cycles max)	50
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Straight
PCB Locator	No
PCB Retention	None
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Pitch - Term. Interface (in)	0.050 In
Pitch - Term. Interface (mm)	1.27 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	50
Plating min: Termination (µm)	1.27
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	2
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-35°C to +85°C
Termination Interface: Style	Solder or Weld
Waterproof / Dustproof	No
Wire Size AWG	N/A



Series
image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

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

47362Series

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	15V DC

Material Info

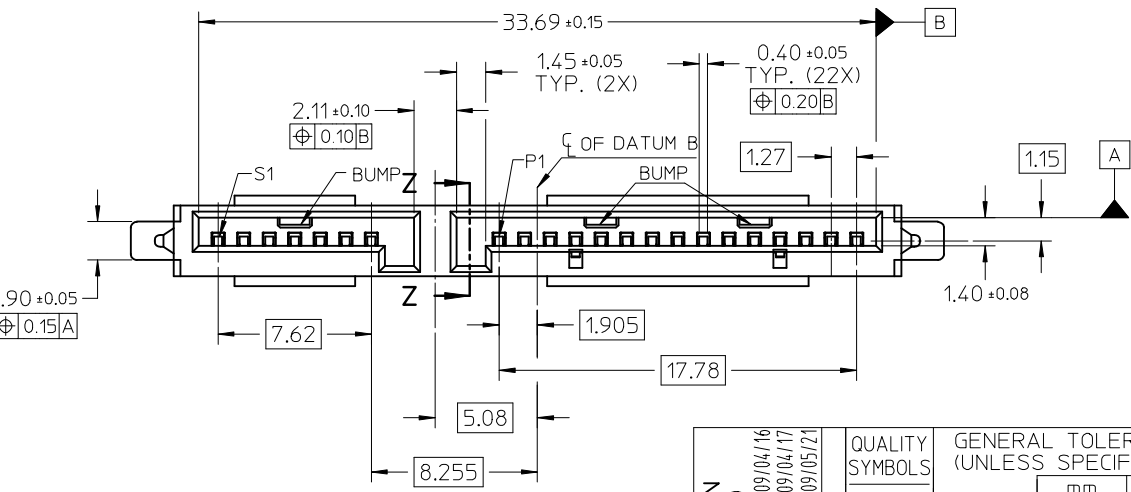
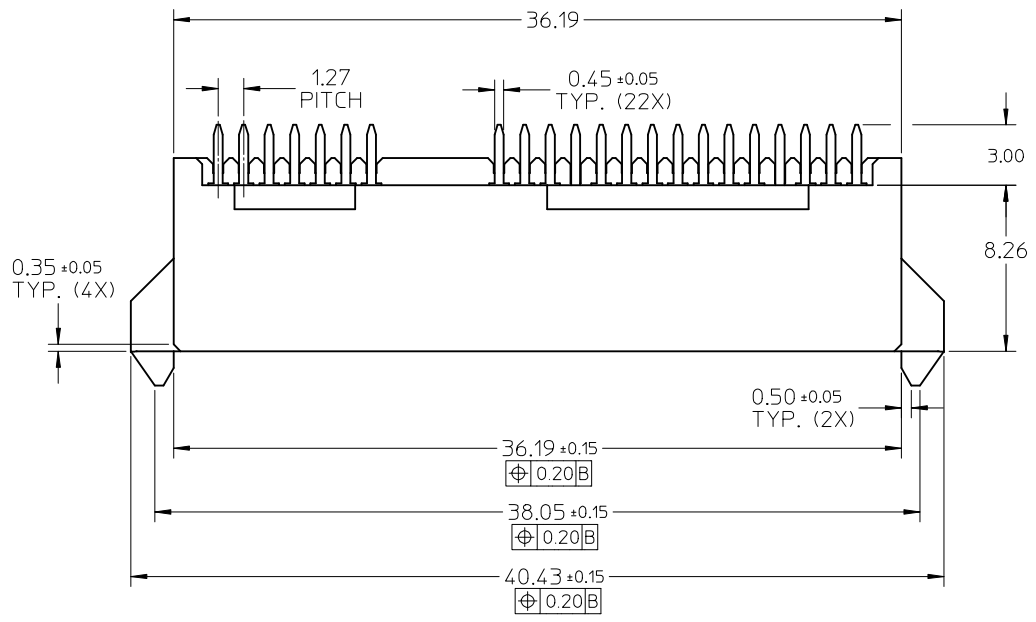
Reference - Drawing Numbers

Packaging Specification	PK-47362-001
Product Specification	PS-47362-001
Sales Drawing	SD-47362-100

This document was generated on 06/01/2010

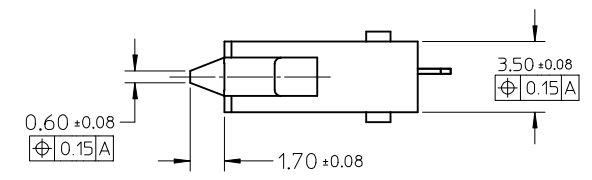
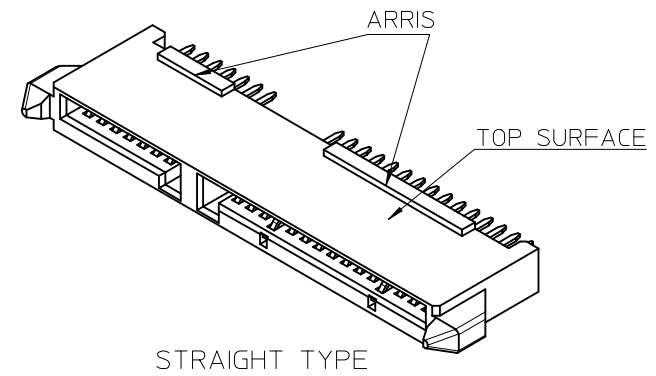
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10 9 8 7 6 5 4 3 2 1



NOTES:

1. MATERIAL:
HOUSING: THERMAL PLASTIC, GLASS FILLED, UL94V-0, COLOR: BLACK.
TERMINAL: COPPER ALLOY, THICKNESS=0.25MM.
2. TERMINAL PLATING:
CONTACT AREA: GOLD PLATED, SEE TABLE.
SOLDER AREA: PURE TIN, THICKNESS=1.27 MICRONS MINIMUM.
UNDER PLATE: NICKLE, THICKNESS=1.27 MICRONS MINIMUM.
3. PRODUCT SPECIFICATION: REFER TO PS-47362-001.
4. PACKAGING METHOD: REFER TO PK-47362-001.
5. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC



ADD NEW OPTION EC NO: SH2009-0500 DRWN:XJ.SONG 2009/04/16 CHKD:XJ.SONG 2009/04/17 APPR:HWANG 2009/05/21 REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY BCHEN26	DATE 2005/12/05	COMBO SATA RECEPTACLE CABLE END					
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± ---	DIXON	2005/12/05						
			2 PLACES	± 0.2	± ---	APPROVED BY	DATE	MOLEX INCORPORATED					
			1 PLACE	± 0.25	± ---	GRATE	2005/12/05						
			ANGULAR ± 3 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 4		SD-47362-100		1 OF 4			
						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

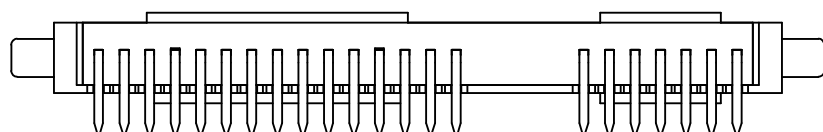
E

D

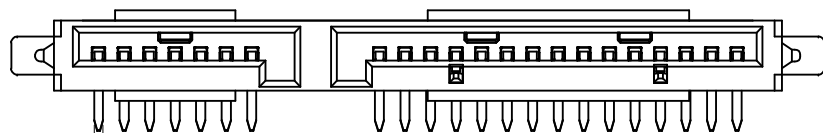
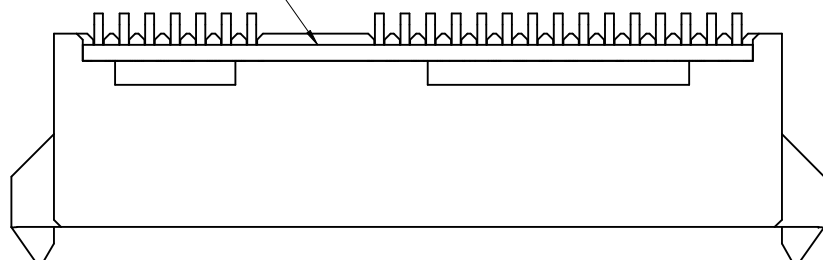
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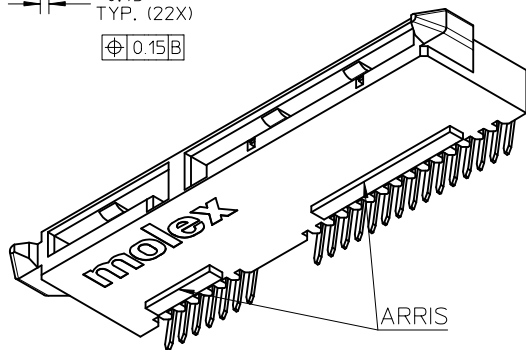


COVER



0,45 ±0,05
TYP. (22X)

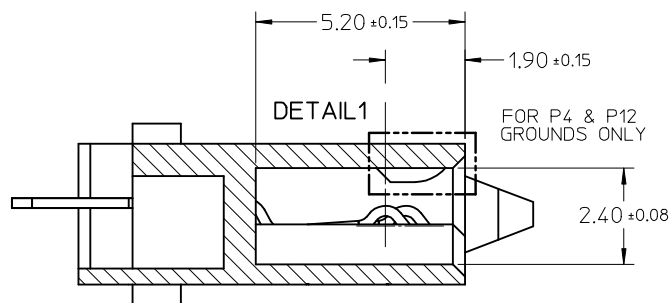
⌀ 0,15 B



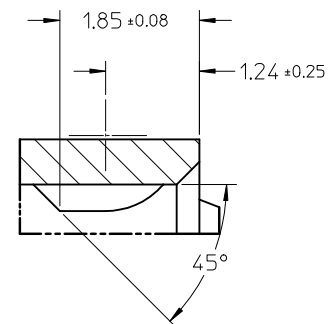
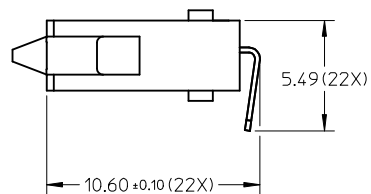
ARRIS

RIGHT ANGLE(90 DEGREE) TYPE

OTHER DIMENSIONS REFER TO STRAIGHT TYPE

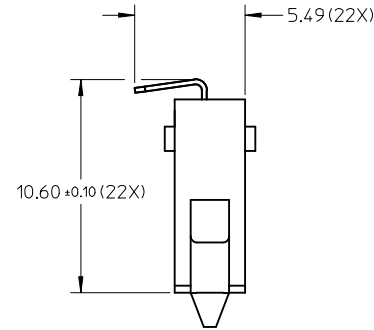
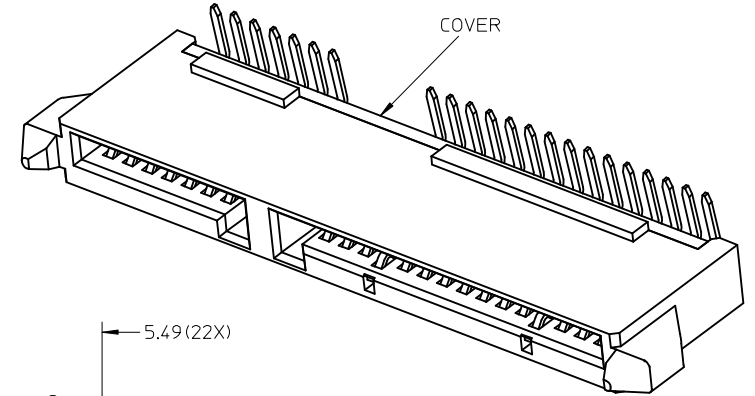
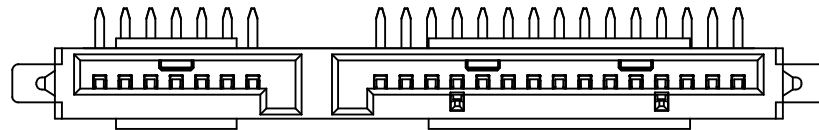
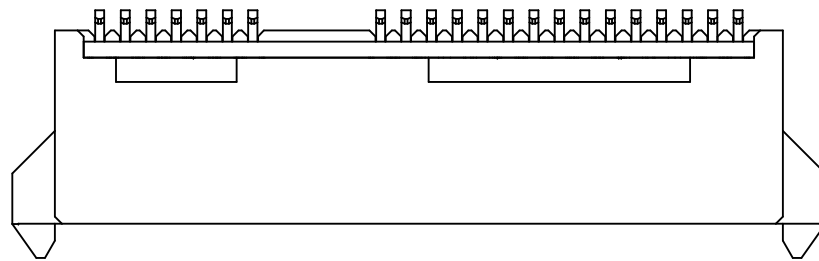
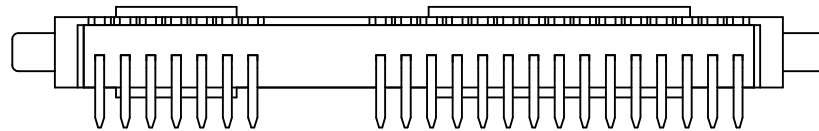


SECTION Z-Z



DETAIL1

SEE SHEET1 EC NO: SH2009-0500 2009/04/16 DRWN:XJ.SONG 2009/04/17 CHKD:XJ.SONG 2009/05/21 APPR:HM.WANG	QUALITY SYMBOLS ▽=0 ▽C=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY BCHEN26	DATE 2005/12/05	TITLE COMBO SATA RECEPTACLE CABLE END	
			4 PLACES	± ---	± ---	CHECKED BY	DATE		
			3 PLACES	± ---	± ---	DIXON	2005/12/05		
			2 PLACES	± 0.2	± ---	APPROVED BY	DATE		
	1 PLACE	± 0.25	± ---	GRATE	2005/12/05	 MOLEX INCORPORATED			
			ANGULAR ± 3 °		MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET4		SD-47362-100		2 OF 4
		REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



RIGHT ANGLE(270 DEGREE) TYPE
OTHER DIMENSIONS REFER TO RIGHT ANGLE(90 DEGREE) TYPE

SEE SHEET1 EC NO: SH2009-0500 DRWN:X JSONG CHKD:X JSONG APPR:HWANG	2009/04/16 2009/04/17 2009/05/21	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 			
					mm	INCH	DRAWN BY BCHEN26	DATE 2005/12/05	TITLE COMBO SATA RECEPTACLE CABLE END				
				4 PLACES	± ---	± ---	CHECKED BY	DATE					
				3 PLACES	± ---	± ---	DIXON	2005/12/05	MOLEX INCORPORATED				
				2 PLACES	± 0.2	± ---	APPROVED BY	DATE					
				1 PLACE	± 0.25	± ---	GRATE	2005/12/05	DOCUMENT NO. SD-47362-100				
				ANGULAR ± 3 °		MATERIAL NO.		SHEET NO. 3 OF 4					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET4											
REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

	10		9		8		7		6		5		4		3		2		1	
	P/N	PLATE TYPE		REMARK		STRAIGHT OR R/A			P/N	PLATE TYPE		REMARK		STRAIGHT OR R/A						
F	47362-1000	GOLD FLASH		WITH ARRIS ON BOTH SURFACE WITH BUMPS		STRAIGHT TYPE			47362-3000	GOLD FLASH		WITH ARRIS ON BOTH SURFACE WITH BUMPS,WITH COVER		RIGHT ANGLE TYPE (270 DEGREE)						
	47362-1001	GOLD PLATED 0.76 MICRONS MIN.							47362-3001	GOLD PLATED 0.76 MICRONS MIN.										
	47362-1002	GOLD PLATED 0.38 MICRONS MIN.							47362-3002	GOLD PLATED 0.38 MICRONS MIN.										
	47362-1010	GOLD FLASH			47362-3010			GOLD FLASH												
	47362-1011	GOLD PLATED 0.76 MICRONS MIN.		WITH ARRIS ON TOP SURFACE WITH BUMPS					47362-3011	GOLD PLATED 0.76 MICRONS MIN.		WITH ARRIS ON TOP SURFACE WITH BUMPS,WITH COVER								
	47362-1012	GOLD PLATED 0.38 MICRONS MIN.							47362-3012	GOLD PLATED 0.38 MICRONS MIN.										
47362-1020	GOLD FLASH					47362-3020	GOLD FLASH													
E	47362-1021	GOLD PLATED 0.76 MICRONS MIN.		WITH ARRIS ON BOTTOM SURFACE WITH BUMPS			47362-3021	GOLD PLATED 0.76 MICRONS MIN.		WITH ARRIS ON BOTTOM SURFACE WITH BUMPS,WITH COVER										
	47362-1022	GOLD PLATED 0.38 MICRONS MIN.					47362-3022	GOLD PLATED 0.38 MICRONS MIN.												
	47362-1030	GOLD FLASH					47362-3030	GOLD FLASH												
	47362-1031	GOLD PLATED 0.76 MICRONS MIN.		WITHOUT ARRIS WITH BUMPS			47362-3031	GOLD PLATED 0.76 MICRONS MIN.		WITHOUT ARRIS WITH BUMPS,WITH COVER										
	47362-1032	GOLD PLATED 0.38 MICRONS MIN.					47362-3032	GOLD PLATED 0.38 MICRONS MIN.												
D	47362-2000	GOLD FLASH		WITH ARRIS ON BOTH SURFACE WITH BUMPS,WITH COVER		RIGHT ANGLE TYPE (90 DEGREE)														
	47362-2001	GOLD PLATED 0.76 MICRONS MIN.																		
	47362-2002	GOLD PLATED 0.38 MICRONS MIN.																		
	47362-2010	GOLD FLASH			WITH ARRIS ON TOP SURFACE WITH BUMPS,WITH COVER															
	47362-2011	GOLD PLATED 0.76 MICRONS MIN.																		
	47362-2012	GOLD PLATED 0.38 MICRONS MIN.																		
	47362-2020	GOLD FLASH		WITH ARRIS ON BOTTOM SURFACE WITH BUMPS,WITH COVER																
	47362-2021	GOLD PLATED 0.76 MICRONS MIN.																		
47362-2022	GOLD PLATED 0.38 MICRONS MIN.																			
C	47362-2030	GOLD FLASH		WITHOUT ARRIS WITH BUMPS,WITH COVER																
	47362-2031	GOLD PLATED 0.76 MICRONS MIN.																		
	47362-2032	GOLD PLATED 0.38 MICRONS MIN.																		
B	47362-1003	GOLD PLATED 0.38 MICRONS MIN.		WITH ARRIS ON BOTH SURFACE WITHOUT BUMPS		STRAIGHT TYPE														
	47362-1082	GOLD PLATED 0.38 MICRONS MIN.		WITH ARRIS ON BOTH SURFACE WITH BUMPS		STRAIGHT TYPE														
A																				

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
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JONHON

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кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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Электронная почта: ocean@oceanchips.ru

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