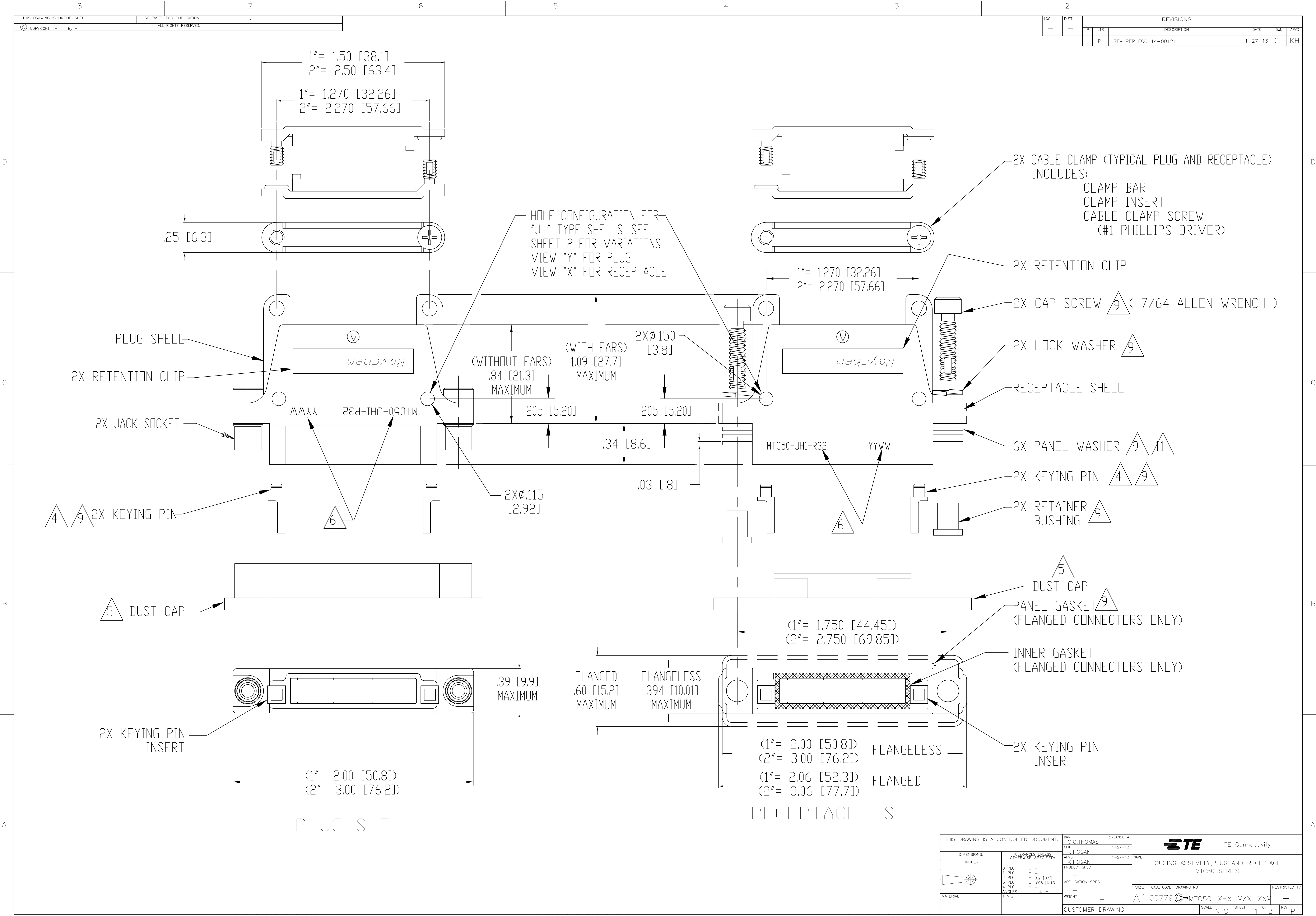




LOC		DIST		REVISIONS					
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					P	REV PER ECO 14-001211	1-27-13	CT	KH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 27JAN2014	TE Connectivity	
DIMENSIONS: INCHES		CHK K.HOGAN 1-27-13		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD K.HOGAN 1-27-13	NAME HOUSING ASSEMBLY, PLUG AND RECEPTACLE MTC50 SERIES	
	0. PLC ± .01	PRODUCT SPEC	SIZE A1	
	1. PLC ± .02 [0.5]	APPLICATION SPEC	CAGE CODE 00779	
	2. PLC ± .005 [0.13]	WEIGHT	DRAWING NO. MTC50-XHX-XXX-XXX	
MATERIAL		FINISH	RESTRICTED TO	
			CUSTOMER DRAWING	
			SCALE NTS	SHEET 1 OF 2
				REV P

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SEE SHEET #1

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1. PART NUMBER VARIABLES: (NOT ALL POSSIBLE CONFIGURATIONS SHOWN ON THIS DRAWING ARE AVAILABLE AS STANDARD PRODUCTS. PLEASE CHECK WITH RAYCHEM TO CONFIRM AVAILABILITY.)

MTC50-XHX-XXX-XXX

MODIFICATIONS: REFER TO APPLICABLE MOD DESCRIPTION SHEET.
(THIS SPACE BLANK IF NO MODIFICATION IS APPLICABLE)

1= W/O CABLE CLAMP AND W/O EARS ON SHELL
2= WITH CABLE CLAMP AND EARS ON SHELL
3= W/O CABLE CLAMP BUT WITH EARS ON SHELL
4= WITH FLAT CABLE CLAMP (SEE VIEW "V") AND EARS ON SHELL

1= BLACK ANODIZED (WHITE MARKING)
2= ELECTROLESS NICKEL (BLACK MARKING)
3= CADMIUM OVER NICKEL UNDERPLATE (BLACK MARKING)

P= PLUG
R= FLANGELESS RECEPTACLE
F= FLANGED RECEPTACLE: STANDARD ("J" TYPE) HAS FLUOROSILICONE GASKET
SHIELDED ("S" TYPE) HAS CONDUCTIVE GASKET

1= 1 INCH
2= 2 INCH

J= STANDARD
S= SHIELDED
Y= SPECIAL: REFER TO INDIVIDUAL SPECIFICATION CONTROL DRAWINGS FOR DESCRIPTIONS

2. MATERIAL:

A) SHELL

B) RETENTION CLIP

C) CAP SCREW

D) JACK SOCKET OR JACK SCREW

E) PANEL OR LOCK WASHER

F) KEYING PIN

G) KEY PINS INSERT

H) CLAMP BAR

J) CLAMP INSERT

K) CAPTIVE SCREW

ALUMINUM ALLOY PER ASTM B85

COPPER ALLOY 172 PER ASTM B194

STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES

STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES

STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES

POLYARYLENE THERMOPLASTIC, MOLDED

POLYARYLENE THERMOPLASTIC, MOLDED

STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES

SILICONE ELASTOMER PER MIL-R-25988B

STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES

3. FINISH:

APPLIES TO NICKEL PLATED CONNECTORS

APPLIES TO CADMIUM PLATED CONNECTORS

APPLIES TO BLACK ANODIZED CONNECTORS

A) SHELL

B) RETENTION CLIP

C) CAP SCREW

D) JACK SOCKET OR JACK SCREW

E) PANEL OR LOCK WASHER

F) CLAMP BAR

G) CAPTIVE SCREW

NICKEL PLATED PER SAE-AMS-C-26074 CLASS 3, GRADE B

NICKEL PLATED PER SAE-AMS-C-26074 CLASS 2, .00002 MINIMUM

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

CADMIUM PLATED PER SAE-AMS-QQ-P-416 OVER NICKEL UNDERPLATE

CADMIUM PLATED PER SAE-AMS-QQ-P-416

CADMIUM PLATED PER SAE-AMS-QQ-P-416

CADMIUM PLATED PER SAE-AMS-QQ-P-416

CADMIUM PLATED PER SAE-AMS-QQ-P-416

CADMIUM PLATED PER SAE-AMS-QQ-P-416

BLACK ANODIZED PER MIL-A-8625, TYPE II, CLASS 2

NICKEL PLATED PER SAE-AMS-C-26074 CLASS 2, .00002 MINIMUM

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

4. APPLICATION INFORMATION:

A) FOR RECEPTACLE MOUNTING INFORMATION, SEE RAYCHEM DRAWING D652-0012.

B) FOR CONNECTOR KEYING CODES, SEE RAYCHEM DRAWING D-659-0080.

C) RECEPTACLE CAP SCREWS ARE TO BE TORQUED TO 15 LBF-INCH (1.7 N-m).

D) PLUG JACK SOCKETS ARE TO BE TORQUED TO 9 LBF-INCH (1.0 N-m).

5. DUST CAP SUPPLIED WITH EACH PLUG AND RECEPTACLE.

6. APPROPRIATE PART NUMBER AND DATE CODE ARE STAMPED APPROXIMATELY AS SHOWN.

7. THE APPLICABLE RAYCHEM SPECIFICATION FOR THIS PART IS C6111. THIS PART IS NOT QUALIFIED TO C6111.

8. FLANGED RECEPTACLE CONNECTORS CORRECTLEY ASSEMBLED AND THE PLUG CONNECTOR PROPERLY ASSEMBLED AND MATEDED WILL EXHIBIT AN AIR LEAK RATE NOT EXCEEDING .5 CC / SECOND AT 30 PSI AND 25° C. (APPLICABLE ONLY TO FLANGED RECEPTACLES WITH PIN INSERTS)

9. THESE ITEMS ARE SUPPLIED UNASSEMBLED.

10. SEE TABLE II FOR WEIGHTS. WEIGHTS SHOWN ARE WITHOUT DUST CAP.

11. THIS RECEPTACLE MAY BE REAR PANEL MOUNTED BY REMOVING AS MANY PANEL WASHERS AS REQUIRED TO ACCOMMODATE THE THICKNESS OF THE PANEL BEING USED. (SEE TABLE III)

EME STYLE PLUG SHELL

VIEW "Y"

EME STYLE RECEPTACLE SHELL

VIEW "X"

FLAT CABLE CLAMP

VIEW "V"

TABLE III

PANEL THICKNESS	NUMBER OF PANEL WASHERS FOR EACH FASTENER
0.031/0.036 [0.8]/[0.9]	2
0.062/0.067 [1.5]/[1.7]	1
0.093/0.097 [2.3]/[2.4]	0

TABLE II

10 \ WEIGHT [lbs.][gr.] MAX.

CONNECTOR SIZE	PLUG	RECEPTACLE	
		FLANGED	FLANGELESS
1 INCH	W/EARS	.0514 [23.315]	.0731 [33.158]
	W/O EARS	.0422 [19.196]	.0555 [25.174]
2 INCH	W/EARS	.0765 [34.699]	.1292 [58.604]
	W/O EARS	.0494 [22.407]	.0851 [38.601]

12. THE CORRECT MATING PART FOR A RAYCHEM MTC50 PLUG SHELL IS A RAYCHEM MTC50 RECEPTACLE SHELL. THE SPECIFIED PERFORMANCE OF THIS CONNECTOR IS BASED ON TEST PERFORMANCE WHEN ASSEMBLED WITH THE CORRECT MATING PART.

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LOC

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SEE SHEET #1

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1. PART NUMBER VARIABLES: (NOT ALL POSSIBLE CONFIGURATIONS SHOWN ON THIS DRAWING ARE AVAILABLE AS STANDARD PRODUCTS. PLEASE CHECK WITH RAYCHEM TO CONFIRM AVAILABILITY.)

MTC50-XHX-XXX-XXX

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2. MATERIAL:

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B) RETENTION CLIP

C) CAP SCREW

D) JACK SOCKET OR JACK SCREW

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STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES

STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES

STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES

POLYARYLENE THERMOPLASTIC, MOLDED

POLYARYLENE THERMOPLASTIC, MOLDED

STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES

SILICONE ELASTOMER PER MIL-R-25988B

STAINLESS STEEL PER SAE-AMS-QQ-S-763, 300 SERIES

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APPLIES TO CADMIUM PLATED CONNECTORS

APPLIES TO BLACK ANODIZED CONNECTORS

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B) RETENTION CLIP

C) CAP SCREW

D) JACK SOCKET OR JACK SCREW

E) PANEL OR LOCK WASHER

F) CLAMP BAR

G) CAPTIVE SCREW

NICKEL PLATED PER SAE-AMS-C-26074 CLASS 3, GRADE B

NICKEL PLATED PER SAE-AMS-C-26074 CLASS 2, .00002 MINIMUM

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

CADMIUM PLATED PER SAE-AMS-QQ-P-416 OVER NICKEL UNDERPLATE

CADMIUM PLATED PER SAE-AMS-QQ-P-416

CADMIUM PLATED PER SAE-AMS-QQ-P-416

CADMIUM PLATED PER SAE-AMS-QQ-P-416

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CADMIUM PLATED PER SAE-AMS-QQ-P-416

BLACK ANODIZED PER MIL-A-8625, TYPE II, CLASS 2

NICKEL PLATED PER SAE-AMS-C-26074 CLASS 2, .00002 MINIMUM

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

PASSIVATED PER SAE-AMS-QQ-P-35

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EME STYLE PLUG SHELL

VIEW "Y"

EME STYLE RECEPTACLE SHELL

VIEW "X"

FLAT CABLE CLAMP

VIEW "V"

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THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN C.C.THOMAS 27JAN2014

CHK K.HOGAN 1-27-13

APVD K.HOGAN 1-27-13

NAME

TE Connectivity

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —
1 PLC ± —
2 PLC ± .02 [0.5]
3 PLC ± .005 [0.13]
4 PLC ± —
ANGLES ± — ± —

—

—

MATERIAL —

FINISH —

WEIGHT —

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A1 00779 MTC50-XHX-XXX-XXX

CUSTOMER DRAWING

SCALE NTS

SHEET 2 OF 2

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

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

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