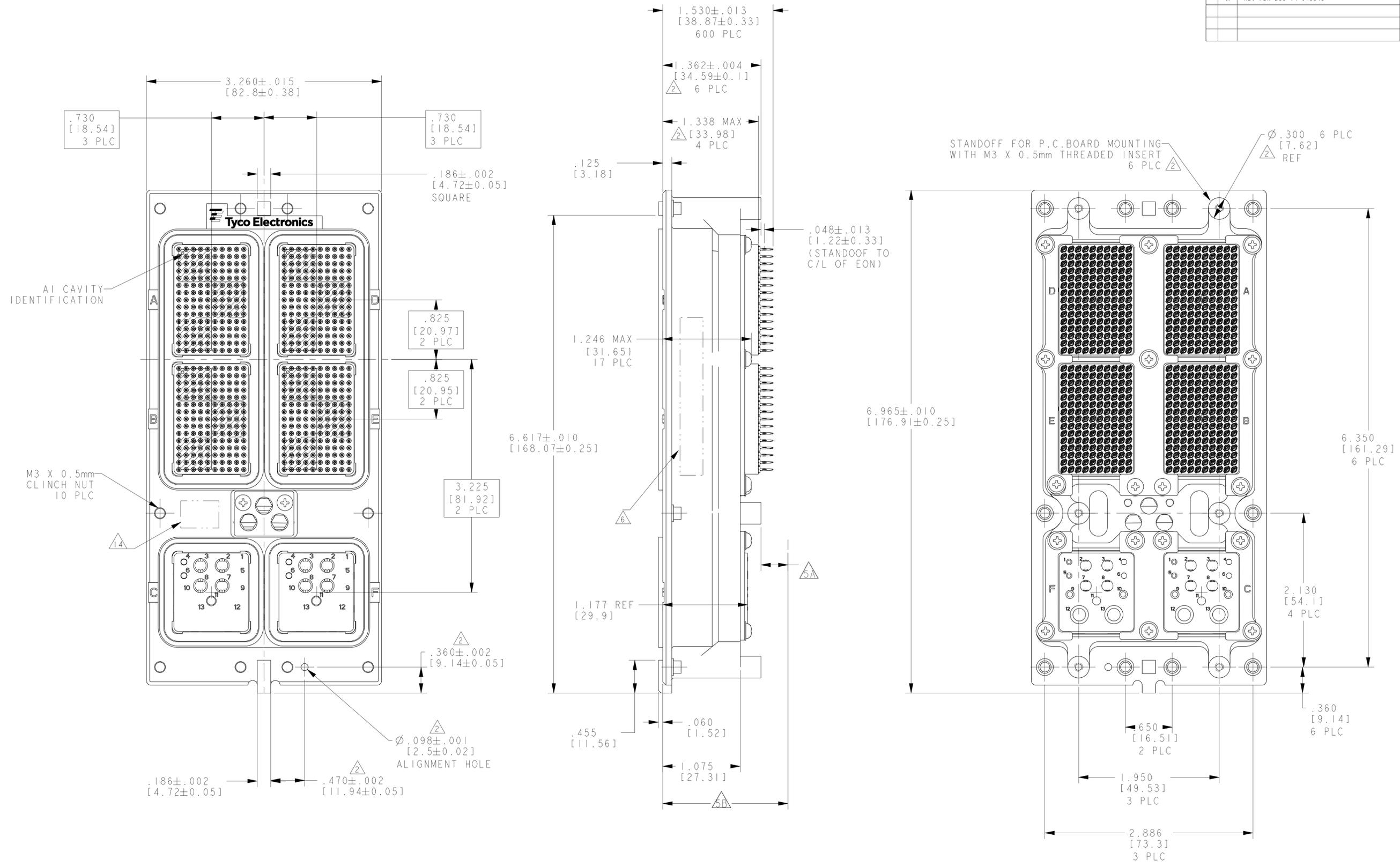


REVISONS		DATE	OWN	APVD
LOC	DIST	DESCRIPTION		
M		REV PER ECO 14-018345	12-5-14	CT RG

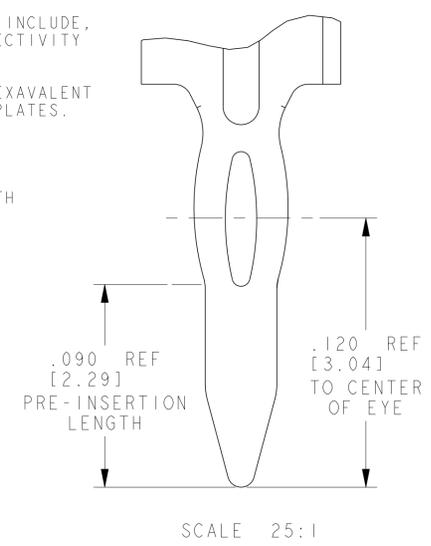


2101003-1
PART NO.

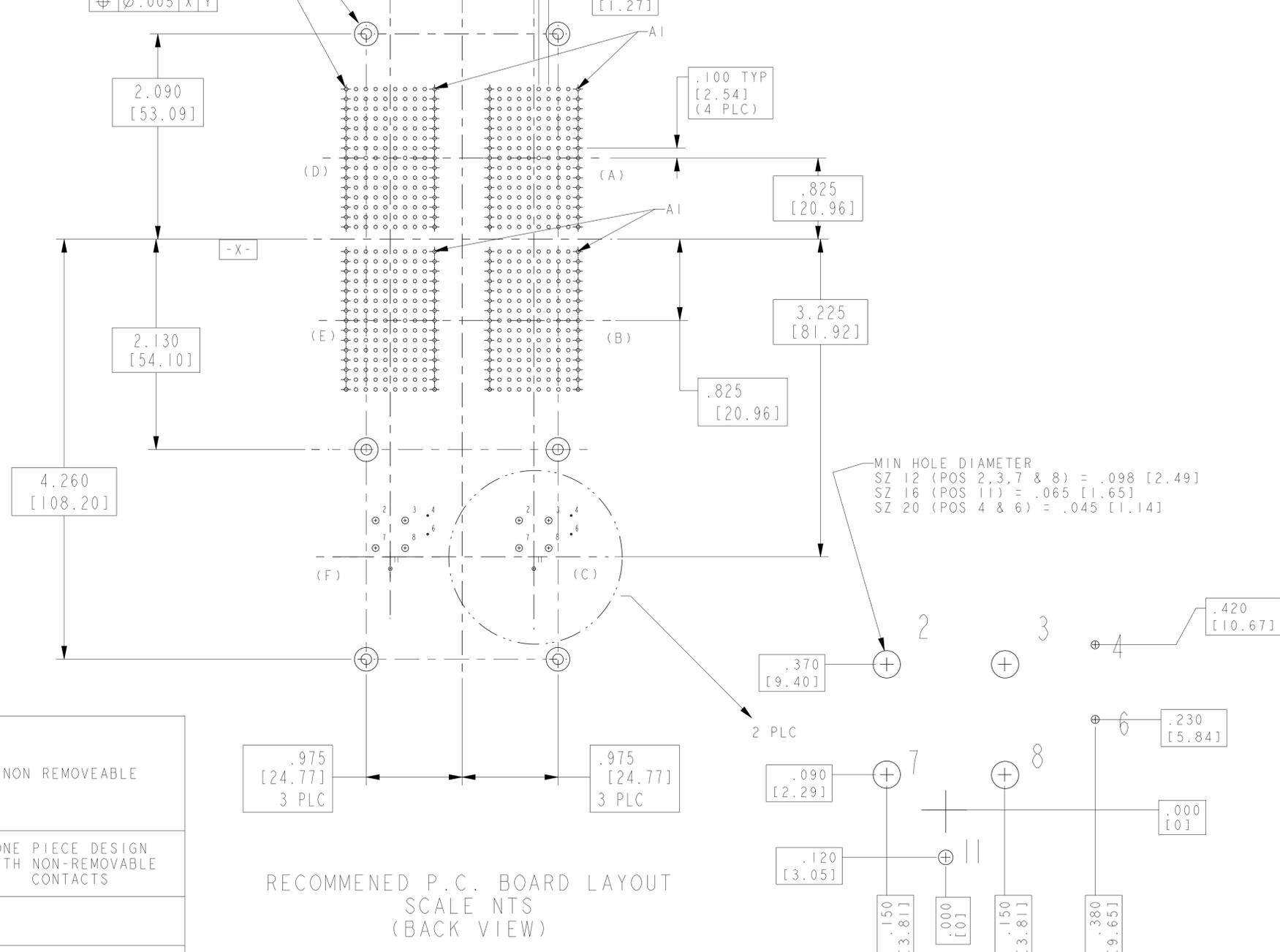
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: C.C. THOMAS 10-29-08	TE Connectivity NAME: RECEPTACLE ASSY, SIZE 3, ARINC 600 WITH PRESS FIT CONTACTS (150/150/13C2 SPCL/150/150/13C2 SPCL) SIZE: A100779 C=2101003 SCALE: 3:2 SHEET 1 OF 2 REV M
DIMENSIONS: INCHES [mm]		CHK: K. HOGAN 10-29-08	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: K. HOGAN 10-29-08	
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ±.005 (0.13) 4 PLC ± ANGLES ±		PRODUCT SPEC	
MATERIAL: SEE CALLOUTS		APPLICATION SPEC	
FINISH: SEE CALLOUTS		WEIGHT: -	
CUSTOMER DRAWING		RESTRICTED TO	

LOC	DIST	REV	DATE	BY	APPV
-	-	1			
		2			

- RECEPTACLE IS INTERMATEABLE TO ARINC 600 STYLE SIZE 3 PLUG ASSEMBLY
- ASSEMBLED CONNECTOR FEATURES COMPLY WITH ARINC 600 SPECIFICATION EXCEPT AS NOTED.
- THE FOLLOWING FILLER PLUGS FOR THE 13C2 INSERT ARE AVAILABLE, BUT NOT PROVIDED:
 SIZE 12 FILLER PLUG, TE PART NO. 1663767-4
 SIZE 16 FILLER PLUG, TE PART NO. 1663767-3
 SIZE 20 FILLER PLUG, TE PART NO. 1663767-2
- ASSEMBLED CONNECTOR IS IN AGREEMENT, AS NOTED, WITH THALES TECHNICAL PROCUREMENT SPECIFICATION J54625AA-REV-02 AND CUSTOMER PURCHASING REQUIREMENTS SPECIFICATION 128-1089.
- THE FOLLOWING POSTED PIN CONTACTS FOR THE 13C2 INSERT ARE AVAILABLE BUT NOT INCLUDED.
 (5A) THE MINIMUM POST EXTENSION BEYOND STANDOFF IS: .160 [4.06].
 (5B) MAXIMUM POST EXTENSION FROM FRONT FACE IS 1.579 [40.11]
 THE CONTACTS ARE RoHS COMPLIANT; SN-DIPPED.
 SIZE 12 POSTED PIN CONTACT, TE PART NO. 2-448140-3
 SIZE 16 POSTED PIN CONTACT, TE PART NO. 3-448139-4
 SIZE 20 POSTED PIN CONTACT, TE PART NO. 3-448138-2
- MANUFACTURERS PART NO. AND DATE CODE (YY-WW) MARKED IN AREA SHOWN.
- ESTIMATED WEIGHT OF CONNECTOR ASSEMBLY AS SHOWN: 485 GRAMS.
- MAX LOCKING TORQUE FOR M3 CLINCH NUTS: 0.34 N-m (3.0 in-lbf)
 MAX LOCKING TORQUE FOR M3 THREADED INSERTS: 0.45 N-m (4.0 in-lbf)
 MAX LOCKING TORQUE IS VALID FOR FIRST CYCLE ONLY. MAX LOCKING TORQUE REFERS TO THE TORQUE REQUIRED TO OVERCOME THE LOCKING FEATURE OF THE CLINCH NUT OR THREADED INSERT. TORQUE VALUES ARE FOR REFERENCE ONLY.
- CONDUCTIVE DUST COVER INSTALLED FOR SHIPPING. (NOT SHOWN)
- EYE OF THE NEEDLE CONTACT DESIGN CONSIDERATIONS:
 (A) PCB HOLE DIAMETER: 0.90mm PER IEC 60352-5
 (B) MINIMUM PCB THICKNESS: .063 [1.6]
 (C) PCB PLATING: Sn PLATE RECOMMENDED
 (D) NORMAL INSERTION FORCE: 8 lb MAX PER CONTACT;
 900 lb AVERAGE PER 150 POSITION INSERT ASSEMBLY
- KEYING SHOWN IN POSITION "01" FOR REFERENCE ONLY. KEYING HARDWARE IS INCLUDED BUT SHIPPED UNASSEMBLED.
- CONNECTOR PACKAGING SHALL HAVE A LABEL WHICH WILL INCLUDE, AT A MINIMUM, THE THALES PART NUMBER, THE TE CONNECTIVITY PART NUMBER AND THE MANUFACTURING DATE CODE.
- RoHS CODE IS "L" AS DEFINED IN TEC-238-2 DUE TO HEXAVALENT CHROMATE CONVERSION FINISH ON SHELL AND RETAINER PLATES.
- TE LOGO APPEARS IN THIS APPROXIMATE LOCATION ON SHELLS MACHINED FROM BILLET.
- ASSEMBLY SHOWN WITH DIE-CAST SHELL. ASSEMBLIES WITH MACHINED SHELLS MAY VARY SLIGHTLY IN APPEARANCE.



PCB STANDOFF (REF) 6 PLC
 NOMINAL HOLE DIAMETER 0.90 mm PER IEC 60352-5 FOR 150 POSN. INSERT 600 HOLES
 $\varnothing .005 \text{ X } Y$



MIN HOLE DIAMETER
 SZ 12 (POS 2, 3, 7 & 8) = .098 [2.49]
 SZ 16 (POS 11) = .065 [1.65]
 SZ 20 (POS 4 & 6) = .045 [1.14]

COMPONENT	MATERIAL	FINISH	REMARKS
SIZE 22 SOCKET CONTACTS QTY = 600	BODY: COPPER ALLOY HOOD: STAINLESS STEEL	BODY: .000050 [1.27um] MIN GOLD ON MATING TINES, Sn ON EON TAIL, BOTH OVER NICKEL PLATE HOOD: PASSIVATED	NON REMOVEABLE
150 POSITION INSERT 4 PLC	THERMOPLASTIC	NONE	ONE PIECE DESIGN WITH NON-REMOVABLE CONTACTS
M3 THREADED INSERT 6 PLC	STAINLESS STEEL	DRY FILM LUBRICANT	
M3 CLINCH NUT 10 PLC	STEEL	ZINC PLATED WITH SUPP YELLOW TRIVALENT CHROMATE	
13C2 INSERT ASSY FRONT RELEASE/REMOVE	THERMOSET	NONE	MODIFIED TO PERMANENTLY CLOSE CAVITIES 1, 5, 9, 10, 12 & 13
SHELL	ALUMINUM ALLOY PER ASTM-B-85 OR ASTM B 211, 6061T6 OR ASTM B 209, 2024T4	CHROMATE CONVERSION PER MIL-C-5541 TYPE I, CLASS 1A	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: C.C. THOMAS 10-29-08
 CHK: K. HOGAN 10-29-08
 APVD: K. HOGAN 10-29-08

DIMENSIONS: INCHES [mm]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±
 1 PLC ±
 2 PLC ±
 3 PLC ±
 4 PLC ±
 ANGLES ±
 FINISH SEE CALLOUTS

TE Connectivity
 NAME: RECEPTACLE ASSY, SIZE 3, ARINC 600 WITH PRESS FIT CONTACTS (150/150/13C2 SPCL/150/150/13C2)
 SIZE: A1
 CAGE CODE: 00779
 DRAWING NO: 2101003
 SHEET 2 OF 2
 REV M

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

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

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

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.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

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:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9