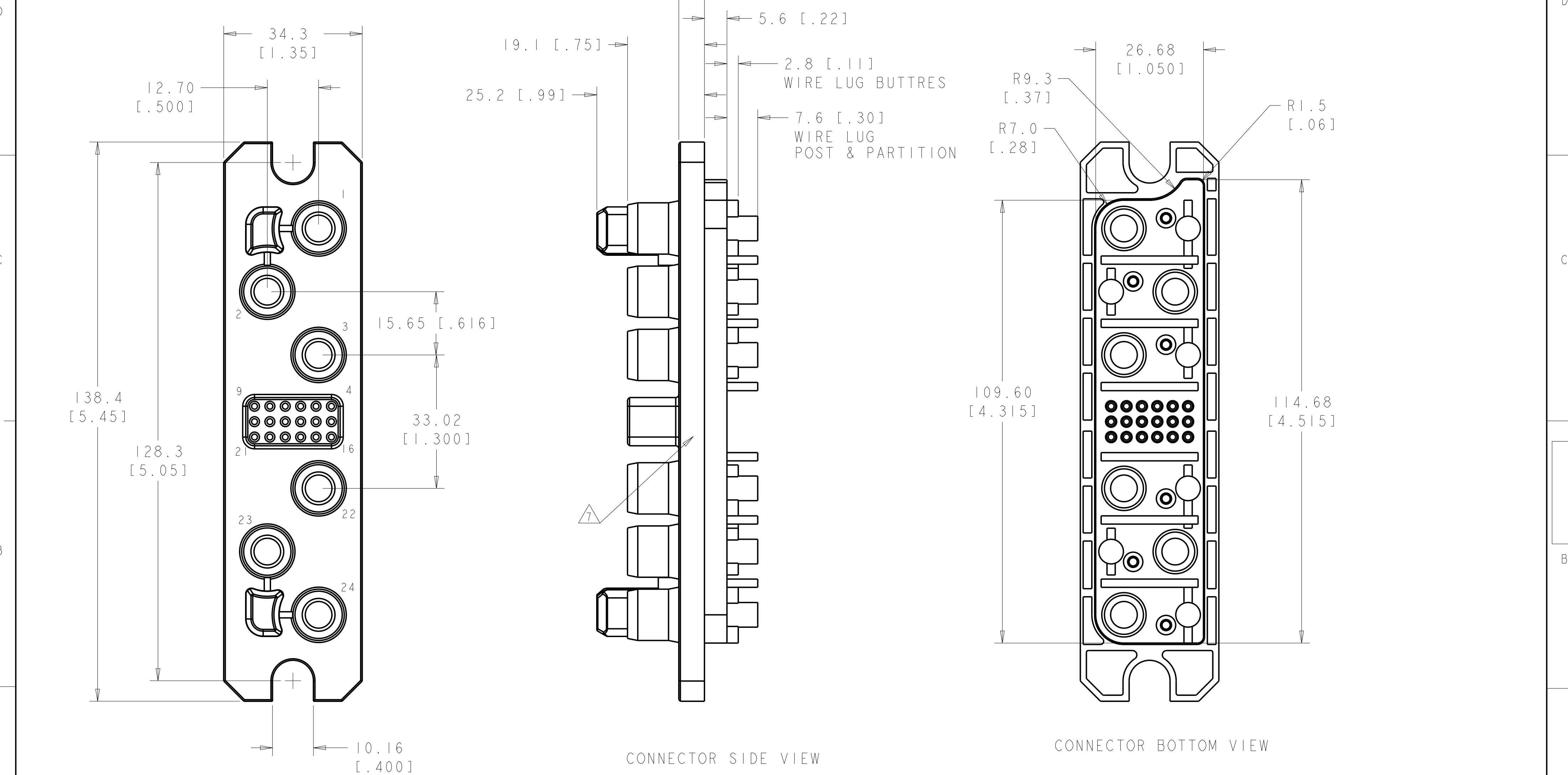




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THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

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LOC

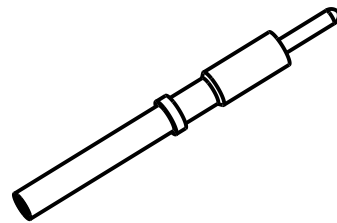
DIST

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REVISIONS

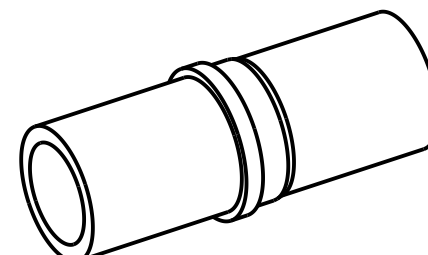
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



#20 SOCKET CONTACT

PN 1648358-1

18 POSITIONS AVAILABLE



#4 SOCKET CONTACT

PN 6648434-1

6 POSITIONS AVAILABLE

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

2. MATERIALS:

INSULATORS: THERMOPLASTIC, GLASS REINFORCED
UL RATED 94V-0 FLAMMABILITY RATED.
CONTACTS: COPPER ALLOY BODY WITH BERILLIUM COPPER CONTACTS
RETENTION CLIPS: BERYLLIUM COPPER OR STAINLESS STEEL

3. FINISHES:

INSULATOR: AS MOLDED, COLOR BLACK (MACHINED, COLOR NATURAL)
#20 CONTACTS: GOLD PLATED
#4 CONTACTS: SILVER PLATED
CROWN BANDS: GOLD PLATED
RETENTION CLIPS: CLEANED

4. SOCKET CONTACTS USED IN THESE CONNECTORS:

#4 SOCKET CONTACTS, CRIMP TERMINATION
PN 6648434-1
#20 SOCKET CONTACTS, SOLDER TERMINATION
PN 1648358-1, GOLD PLATED
ALL CRIMP CONTACTS ARE PACKAGED SEPARATELY AND SHIPPED WITH THE CONNECTOR ASSEMBLY AS A KIT.

5. OUTLINE SPECIFICATION
SIZE #4 CONTACTS, 105 AMPS EACH, 600V
SIZE #20 CONTACTS, 3 AMPS EACH, 250V
POLARIZED INTEGRAL CONNECTOR GUIDE POSTS WITH ±1.3 (.05) GATHERABILITY
WHEN USED WITH TYCO RECOMMENDED FLOAT MOUNT SCREW.
STRAIGHT CONNECTOR CONFIGURATION, PANEL MOUNT

6. A REFERENCE DIMENSION (X.XX) IS WITHOUT TOLERANCE AND USED FOR INFORMATION ONLY.

7. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:

TYCO PART NUMBER

DATE CODE

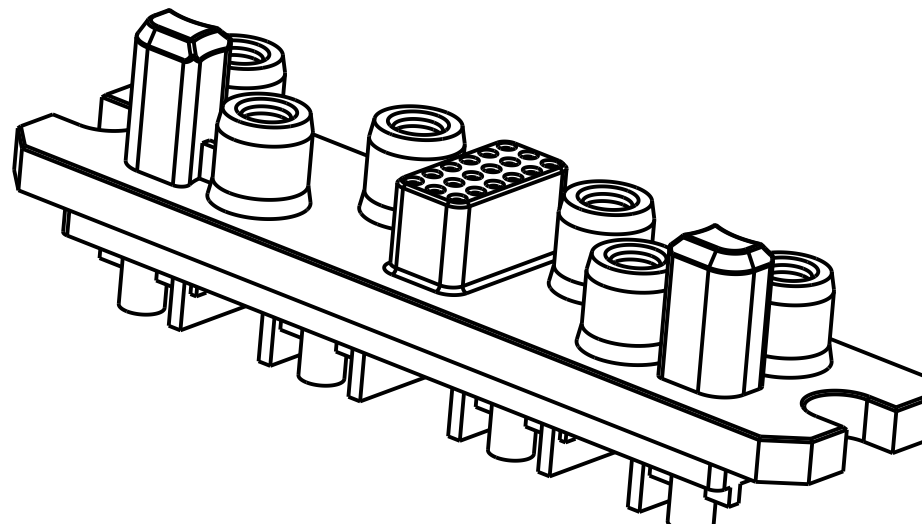
YEAR

WEEK

(e.g. 0225)

XXXXXX-X

XXXX



SOCKET CONNECTOR- CRIMP

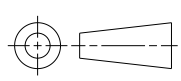
PN 6651586-3

18	1648358-1	CONTACT, SIZE #20 PCB TAIL	C
6	6648434-1	CONTACT, SIZE #4 GAGE CRIMP	B
1	6651810-1	HOUSING, SUB-ASSEMBLY	A
-3	PART NUMBER	DESCRIPTION	ITEM NO.

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION
IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION
SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm[INCHES]



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-
1 PLC ±0.5 [.02]
2 PLC ±0.25 [.010]
3 PLC ±-
4 PLC ±-
ANGLES ±2
FINISH -

MATERIAL

-

DWN

23MAY2006

HA/GRZYBOWSKI

CHK

23MAY2006

P.DAMATO

APVD

23MAY2006

CHAU/FICKINGER

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

Tyco Electronics

Harrisburg, PA 17105-3608

NAME

CONNECTOR, SOCKET, CUSTOM DRAWER
6X 4 PWR AND 18X 20 SIGNAL CONTACTS
PN 6651586-X

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

©-6651586

SCALE

1:1

SHEET

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OF

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REV

B6

AMP 1471-9 REV 31MAR2000

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6651586-2](#)