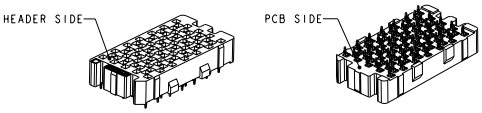
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

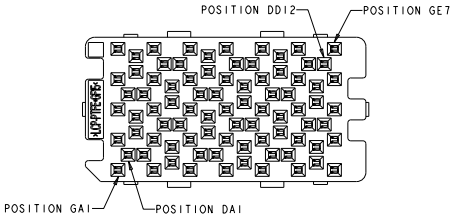
LOC	DIST
GP	00

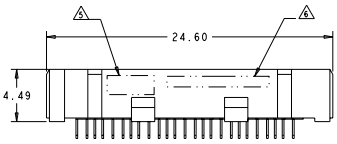
REVISIONS

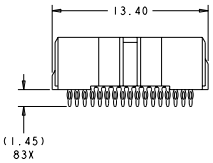
P	LTR	DESCRIPTION	DATE	DRN	APVD
	1	PROPOSED	01JUL2010	REH	DT
	2	REVISED	12JUN2011	WS	MH



ISOMETRIC VIEWS
SCALE 3:1







1. MATERIAL:
   HOUSING: THERMOPLASTIC, FLAMMABILITY RATING UL94 V-0
   CONTACT: COPPER ALLOY
2. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPECIFICATION, 108-2375; BASED ON TELCORDIA GR-1217-CORE FOR SYSTEM QUALITY LEVEL III, APPLICATIONS IN CONTROLLED ENVIRONMENTS (CENTRAL OFFICE). SEE TE PRODUCT SPECIFICATION 108-2375 FOR TEST SEQUENCES.
3. ROWS GA THRU GE (SHOWN DARKENED) ARE TYPICALLY USED AS GROUNDS.
4. SPECIFIED POSITIONAL TOLERANCE DEFINES HOLE TO HOLE LOCATION WITHIN HOLE PATTERN. POSITIONAL TOLERANCE OF HOLE PATTERN TO FIDUCIAL MARKS OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER.
5. AREA RESERVED FOR TYCO ELECTRONICS LOGO.
6. AREA RESERVED FOR PART NUMBER (X-XXXXXXX-X) AND DATE CODE (YYWW).
7. USE CENTERLINES INDICATED ON PCB HOLE PATTERN TO ESTABLISH ALIGNMENT BETWEEN HEADER AND RECEPTACLE BOARDS.

SIZE 1 HALF WIDE ✱
24 DIFFERENTIAL PAIRS + GROUNDS
83 TOTAL SIGNAL CONTACTS

✱ SIZE 2 AND SIZE 3 ARE ALSO AVAILABLE

THIS PRODUCT HAS NOT COMPLETED VALIDATION AND QUALIFICATION TESTING

NO	MATTE Sn	5-2143411-1
NO	Sn/Pb	2143411-1
TOOLED	CONTACT TAIL PLATING	PART NUMBER

THIS DRAWING IS A CONFIDENTIAL DOCUMENT AND THE INFORMATION CONTAINED HEREIN MAY NOT BE DISCLOSED OR REPRODUCED WITHOUT THE WRITTEN PERMISSION OF TYCO ELECTRONICS CORPORATION UNLESS OTHERWISE PROVIDED IN WRITING.

DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±0.013
ANGLES ±-
FINISH -

MATERIAL

DWN 01JUL2010 J. HANNER
CHK 06JUL2010 D. TROUT
APV 06JUL2010 J. FEDDER
PRODUCT SPEC 108-2375
APPLICATION SPEC 114-13249
WEIGHT -

Tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

NAME
RECEPTACLE ASSEMBLY, HALF-WIDE, 24/83, STRADA MESA MEZZANINE CONNECTOR

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2143411	-

CUSTOMER DRAWING SCALE 6:1 SHEET 1 OF 3 REV 2

AMP 4805 REV 31MAR2000
Pro/ENGINEER DRAWING

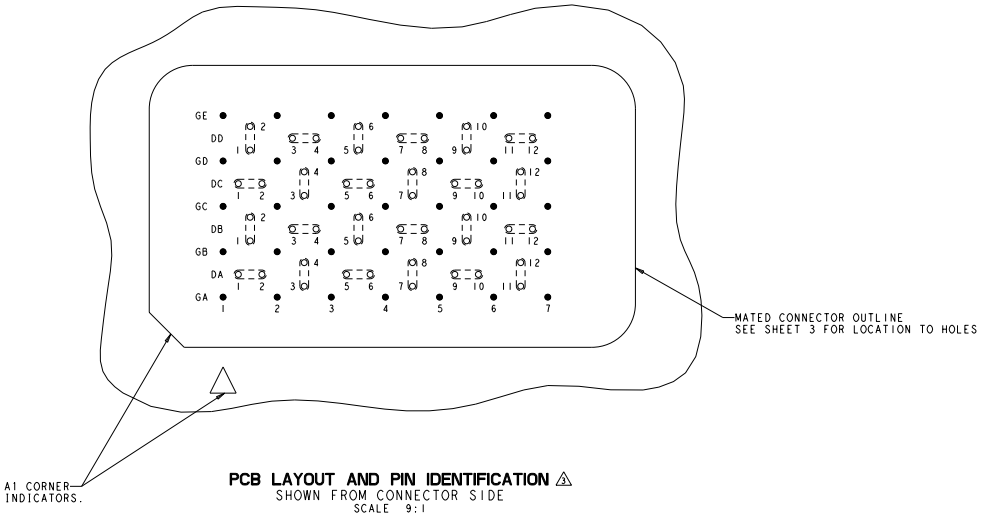
Downloaded from Elcodis.com electronic components distributor

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST
GP	00

REVISIONS

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



PCB LAYOUT AND PIN IDENTIFICATION △1
SHOWN FROM CONNECTOR SIDE
SCALE 9:1

THIS DRAWING IS A CONVENIENCE REPRESENTATION FOR THE PURCHASE OF PRODUCTS DESCRIBED HEREIN. IT MAY NOT REPRESENT THE PRODUCT AS SHIPPED OR THE LATEST REVISION.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±0.013
ANGLES ±-
FINISH -

MATERIAL

DWN	01JUL2010	Tyco Electronics, Harrisburg, PA 17105-3608
CHKD D. TROUT	06JUL2010	
APVD J. FEDDER	06JUL2010	NAME RECEPTACLE ASSEMBLY, HALF-WIDE, 24/83, STRADA MESA MEZZANINE CONNECTOR
PRODUCT SPEC 108-2375		
APPLICATION SPEC 114-13249		
WEIGHT -		SIZE A1 · CAGE CODE 00779 · DRAWING NO C-2143411 · RESTRICTED TO -
CUSTOMER DRAWING		SCALE 6:1 · SHEET 2 OF 3 · REV 2

AMP 4805 REV 31MAR2000

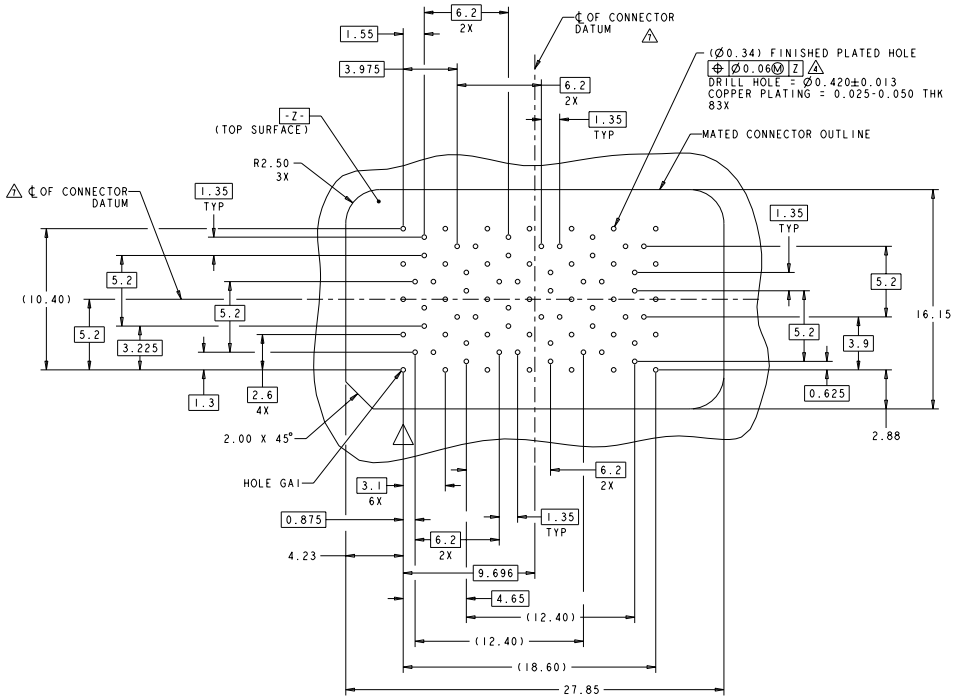
Downloaded from Elcodis.com electronic components distributor

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST
GP	00

REVISIONS

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



PCB HOLE PATTERN
SHOWN FROM CONNECTOR SIDE
SCALE 7:1

DRN	BANNER	01JUL2010
CHK	D. TROUT	06JUL2010
APV	J. FEDDER	06JUL2010
PRODUCT SPEC	108-2375	
APPLICATION SPEC	114-13249	
WEIGHT	-	

Tyco Electronics
Harrisburg, PA 17105-3608

NAME: RECEPTACLE ASSEMBLY, HALF-WIDE, 24/83, STRADA MESA MEZZANINE CONNECTOR

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-2143411 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 6:1 | SHEET 3 OF 3 | REV 2

DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±-
ANGLES ±0

MATERIAL

FINISH

Downloaded from Elcodis.com electronic components distributor