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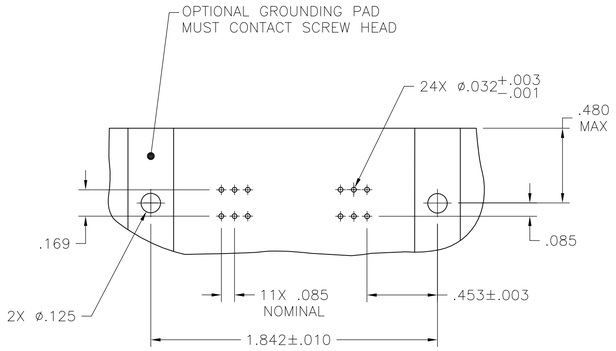
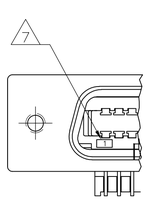
LOC	DIST
GP	00

REVISIONS

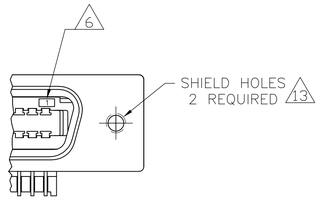
P	LTR	DESCRIPTION	DATE	DWN	APVD
	S1	REVISED PER ECO-12-014369	13FEB2013	BM	PR



SUGGESTED PRINTED CIRCUIT
BOARD MOUNTING DIIMENSIONS



DETAIL B △5
REVERSE ORIENTATION



DETAIL A △5
STANDARD ORIENTATION

△1 MATERIAL:
HOUSING, RIGHT ANGLE BRACKET, ADAPTER COMB & SUPPORT PLATE: THERMOPLASTIC, BLACK.
EMI SHIELD: BRIGHT NICKEL OVER COPPER PLATED DIE CATING.
TERMINALS: HIGH STRENGTH COPPER ALLOY PLATED WITH EITHER .000030 MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, .000030 MIN TOTAL ON MATING SURFACE. .000120 MIN TIN-LEAD PLATE ON TAILS. ALL OVER .000050 MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
GROUND BRACKET: ZINC PLATED CARBON STEEL.

2. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.

3. CENTER-TO-CENTER SPACING OF TERMINALS IS .085.

△4 ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY UNLESS OTHERWISE SPECIFIED.

△5 DETAILS A & B ARE VIEWED FROM MATING SIDE OF RECEPTACLE ASSEMBLY.

△6 TERMINAL 1 LOCATED IN THIS ROW FOR STANDARD ORIENTATION.

△7 TERMINAL 1 LOCATED IN THIS ROW FOR REVERSE ORIENTATION.

△8 SCREWS SHOWN FOR REFERENCE ONLY, RECOMMENDED HARDWARE KIT, 554272-1, FOR USE WITH PART NUMBER 553811-3 &-4. HARDWARE KIT IS SHOWN FOR REFERENCE ONLY.

9. EMI SHIELD IS ASSEMBLED TO CONNECTOR BEFORE SHIPMENT.

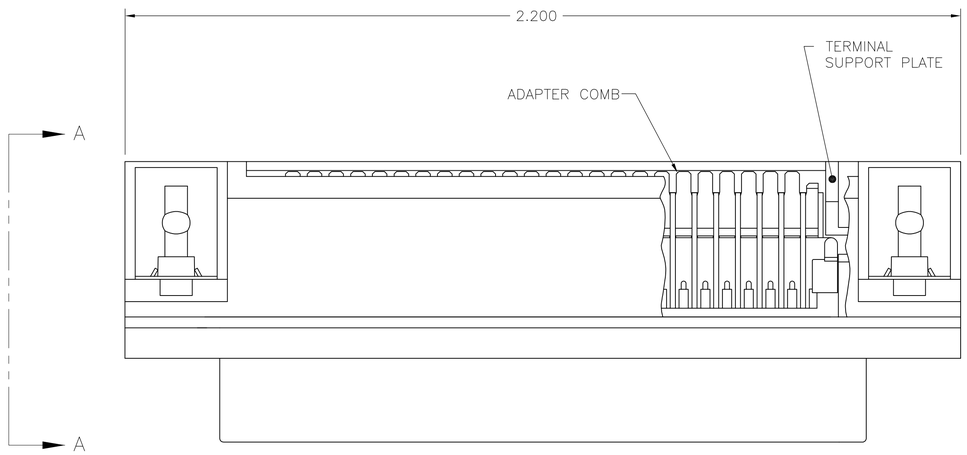
△10 FOR IEEE APPLICATION DIM A SHALL BE .192±.003.

△11 PANEL THICKNESS RANGE: .062 MAX.

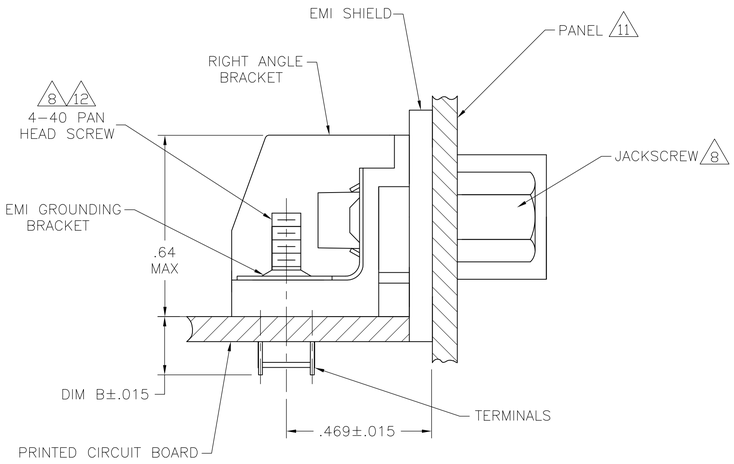
△12 STAINLESS STEEL SCREWS RECOMMENDED BECAUSE OF CONTACT WITH SOLDER BATH.

△13 HOLES TO BE TAPPED AFTER PLATING.

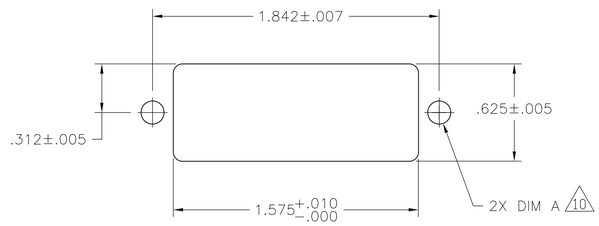
△14 OBSOLETE.



TOP VIEW



SIDE VIEW A-A
REAR PANEL MOUNTING
DETAIL FOR REFERENCE ONLY



SUGGESTED REAR PANEL MOUNTING
CUTOUT DIMENSIONS

OBSOLETE	STANDARD	.157	.126±.003	4-40 UNC-2B	REVERSE	B	△14 553811-4
SUPERSEDED BY 5553811-3	STANDARD	.157	.126±.003	4-40 UNC-2B	STANDARD	A	553811-3
SUPERSEDED BY 5553811-2	IEEE-488	.157	.152±.003	6-32 UNC-2B	REVERSE	B	553811-2
	IEEE-488	.157	.152±.003	6-32 UNC-2B	STANDARD	A	553811-1
	APPLICATION	BIM B	DIM A	SHIELD HOLE SIZE	ORIENTAION	DETAIL	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –
△4

MATERIAL △1

FINISH △1

DWN Z. REAM 15/FEB/07
CHK W. MILLHIMES 15/FEB/07
APVD W. MILLHIMES 15/FEB/07
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —
CUSTOMER DRAWING

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
ASSEMBLY, EMI RECEPTACLE, 24 POSITION, SCREW LOCK, W/ GROUNDING BRACKET, RIGHT ANGLE, CHAMP

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-553811	—

SCALE 2:1 SHEET 1 OF 1 REV S1