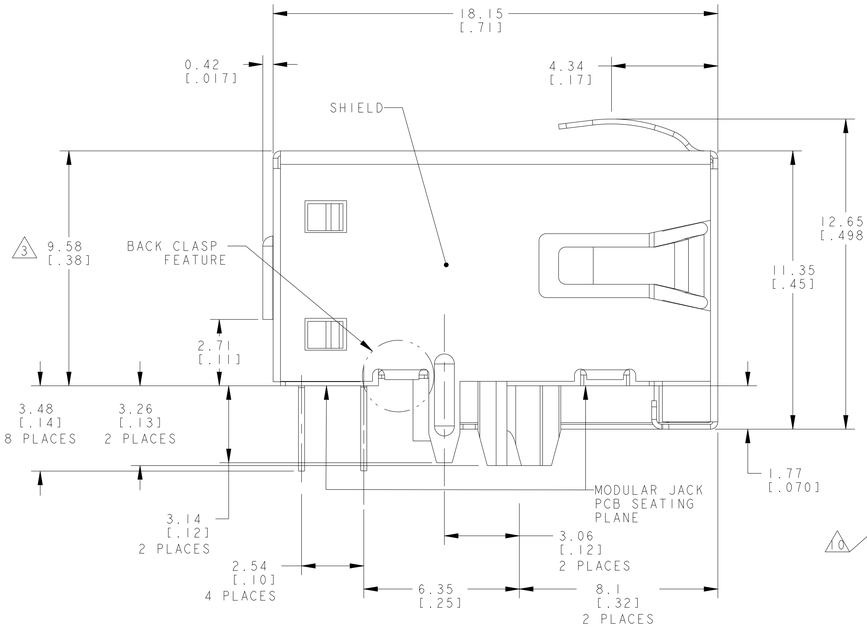
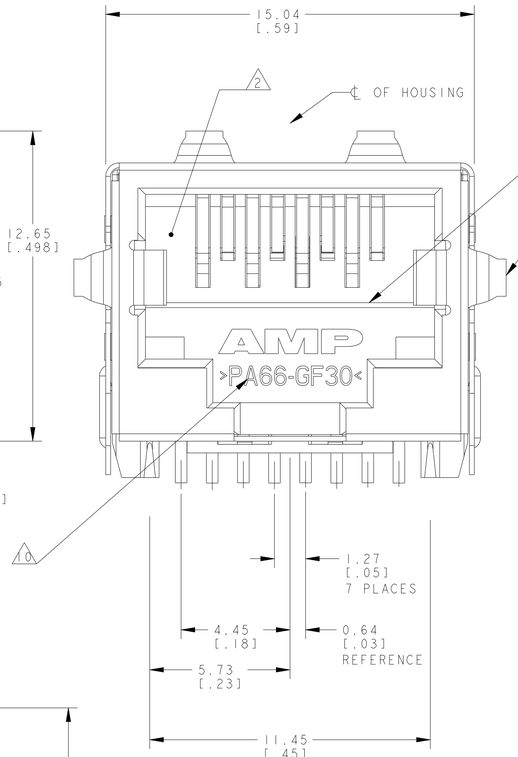
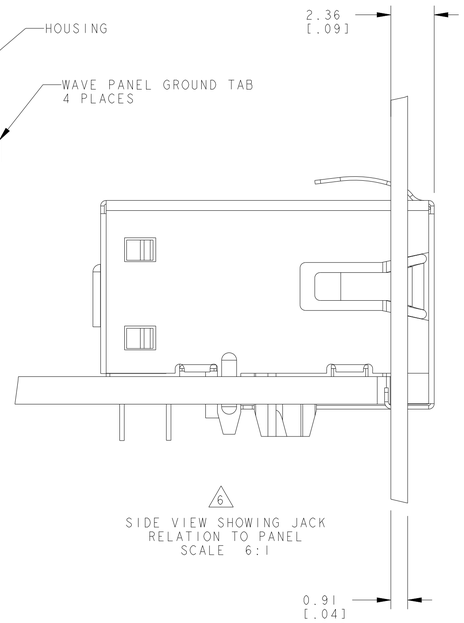
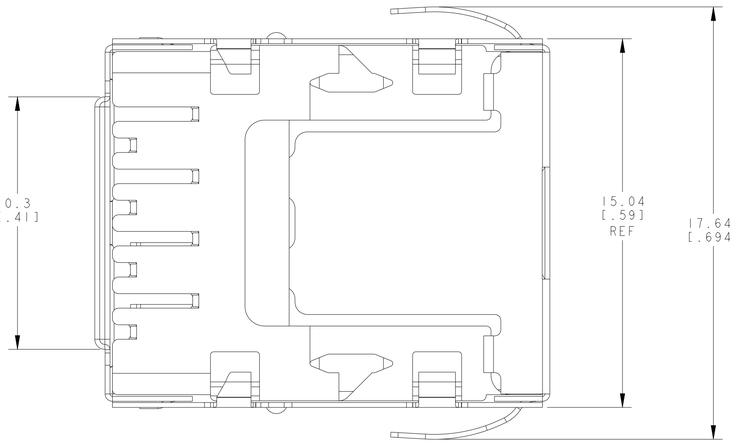
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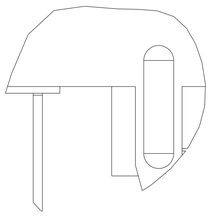
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
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	F4	REVISED AS PER ECN-24-246549	04JAN2024	JK	WH
	F5	REVISED AS PER ECN-24-260894	15APR2024	JK	WH
	F6	REVISED AS PER ECN-26-405672	17SEP2026	KSD	RK

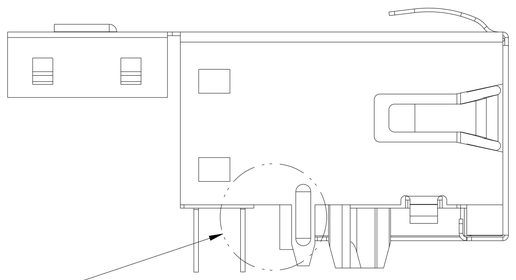


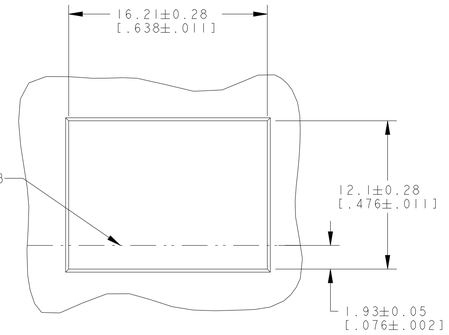


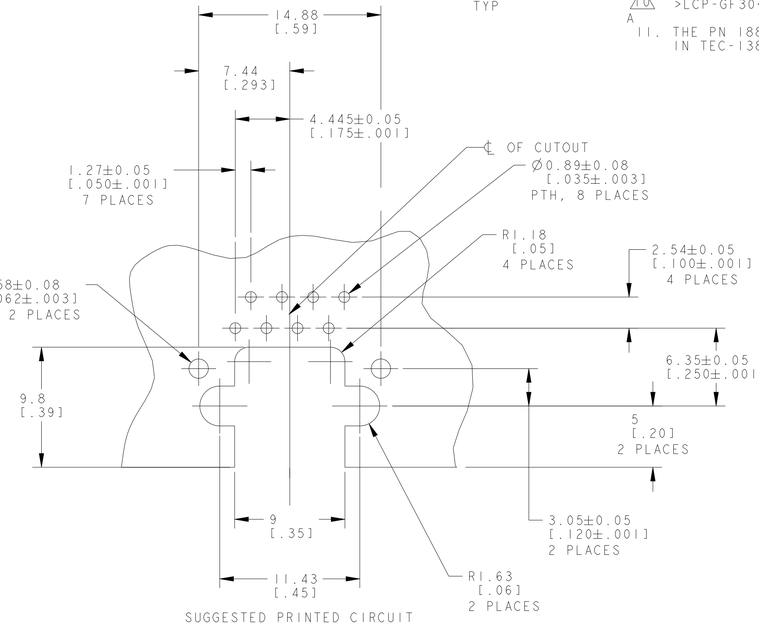


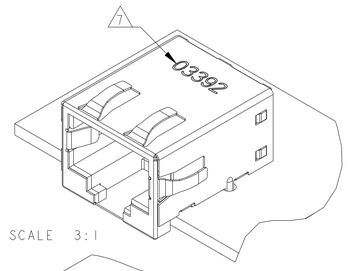


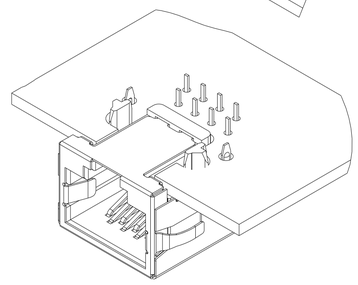












1. MATERIAL: HOUSING - HIGH TEMPERATURE NYLON, BLACK, UL 94V-O

   TERMINALS - 0.25[.01] THICK PHOS BRONZE PLATED WITH 3.81µm[.000150] MINIMUM THICK MATTE TIN IN SOLDER AREA, 1.27µm[.000050] MINIMUM GOLD IN LOCALIZED PLATE AREA. ENTIRE TERMINAL PLATED WITH 1.27µm[.000050] MINIMUM THICK NICKEL.

   SHIELD - 0.1[.0039] MIN THICK COPPER ZINC ALLOY, PREPLATED WITH 1.27µm (.000050) THICK NICKEL AND HOT TIN DIP ON PCB GROUND TABS.

2. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F.

3. THIS DIMENSION REPRESENTS THE TOTAL HEIGHT OF THE CONNECTOR FROM THE TOP OF THE PC BOARD.

4. PACKAGED 66 ASSEMBLIES PER PVC TRAY, XX PER BOX.

5. DIELECTRIC WITHSTANDING VOLTAGE BETWEEN SHIELD AND CONTACT IS 1500 VAC (RMS) PER IEEE 802.3.

6. SEE TYCO PN 1116062-1 FOR IEEE 1386 MEZZANINE PCI CARD APPLICATIONS. PN 1658869-1 IS NOT COMPATIBLE WITH IEEE 1386 BEZEL.

7. MANUFACTURING DATE CODE:
   ORIENTED AND LOCATED APPROXIMATELY AS SHOWN.
   LASER PRINTING. TEXT HEIGHT APPROX. 2MM.
   FIRST 2 DIGITS = LAST 2 DIGITS OF YEAR
   NEXT 2 DIGITS = MANUFACTURING WORK WEEK
   LAST DIGIT = DAY OF WEEK WITH SUNDAY = 1

8. MATERIAL: HOUSING - HIGH TEMPERATURE NYLON, BLACK, UL 94V-O.

   TERMINALS - 0.25[.01] THICK PHOS BRONZE PLATED WITH. 3.81µm[.000150] MINIMUM THICK MATTE TIN IN SOLDER AREA, 1.27µm[.000050] MINIMUM GOLD IN LOCALIZED PLATE AREA. ENTIRE TERMINAL PLATED WITH 1.27µm[.000050] MINIMUM THICK NICKEL.

   SHIELD - 0.1[.0039] MIN THICK COPPER ZINC ALLOY, PLATED WITH 1.27 µm (.000050)MIN. THICK NICKEL AND 2.03 µm (.000080) MIN. THICK HOT TIN DIP ON PCB GROUND TABS.

9. MATERIAL: HOUSING - LCP, NATURAL, UL94V-0.
   OTHER MATERIAL SAME AS NOTE 8.

10. >LCP-GF30< MARK ONLY FOR 1888542-4 AND 1888542-5.

A 11. THE PN 1888542-4 & 1888542-5 SHALL MEET LOW BR/CL/F AS DEFINED IN TEC-138-702.

OBSOLETE			
~~T&R~~	9 10 11		1888542-4
TRAY	8		1888542-3
TRAY	1		1888542-2
PACKAGE	MATERIAL/ FINISH		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13[.005]
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL SEE TABLE -
FINISH SEE TABLE -

DWN 07JUNE2006 BRIAN KUHNLY/L A MAYER
CHK 07JUNE2006 J.WESTMAN
APVD 07JUNE2006 S.FLICKINGERA
PRODUCT SPEC 108-1163
APPLICATION SPEC 114-2048
WEIGHT 3.49 grams

TE Connectivity

NAME MODULAR JACK ASSEMBLY, 8 POSITION, SHIELDED, 10mm, WAVE PANEL GROUND TABS

SIZE A1 | CAGE CODE - | DRAWING NO C-1888542 | RESTRICTED TO -

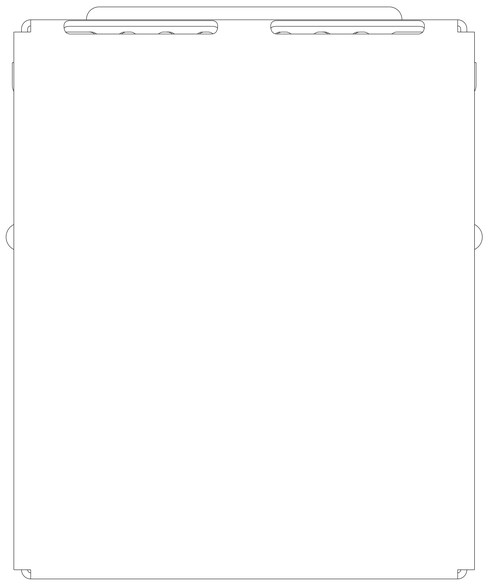
CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 3 | REV F6

4805 (3/13)

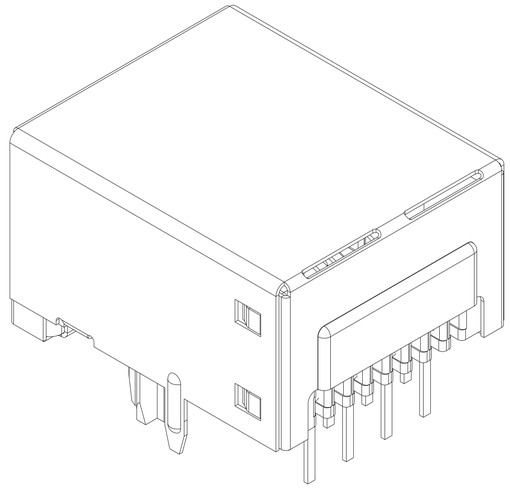
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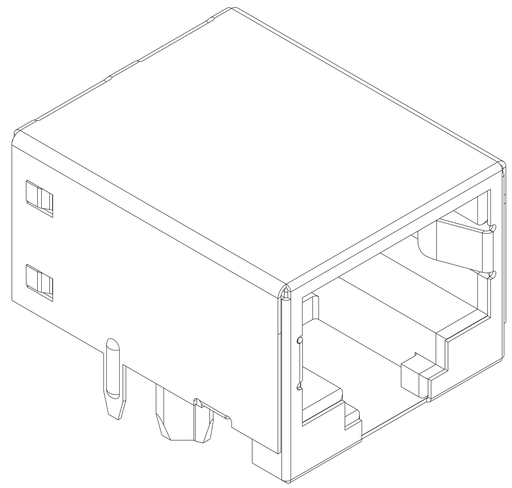
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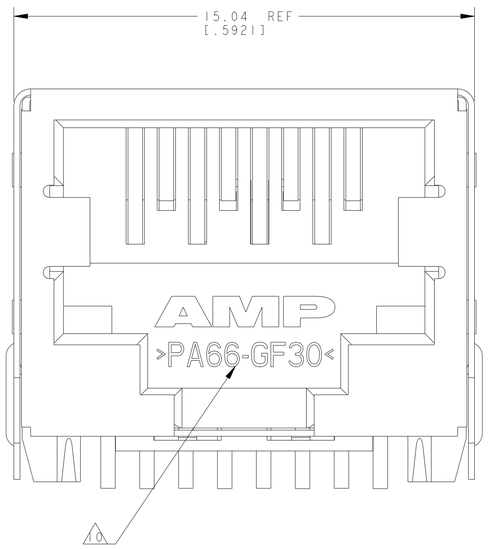
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

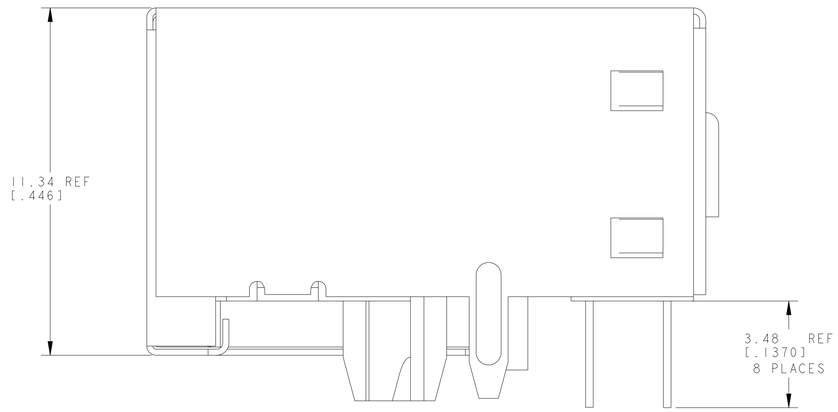


ORTHOGRAPHIC & ISO VIEWS ADDED FOR 1888542-5 TO REPRESENT/SHOW IT DOESN'T COME W/ SIDE EMI FINGERS.









SHOWN IN SHEET 2: 1888542-5, ALL DIMENSIONS & FEATURES ARE SAME AS 1888542-4, ONLY DIFFERENCE IS 1888542-5 DOESN'T COME W/ SIDE EMI FINGERS.

TAPE & REEL	9 10 11	1888542-5
PACKAGE	MATERIAL/ FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13[.005]
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL: SEE TABLE -

FINISH: SEE TABLE -

DWN 07JUNE2006 BRIAN KUHNLY/L A MAYER
CHK 07JUNE2006 J WESTMAN
APVD 07JUNE2006 S FLICKINGERA
PRODUCT SPEC 108-1163
APPLICATION SPEC 114-2048
WEIGHT 3.49 grams

TE Connectivity

NAME: MODULAR JACK ASSEMBLY, 8 POSITION, SHIELDED, 10mm, WAVE PANEL GROUND TABS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	-	C-1888542	

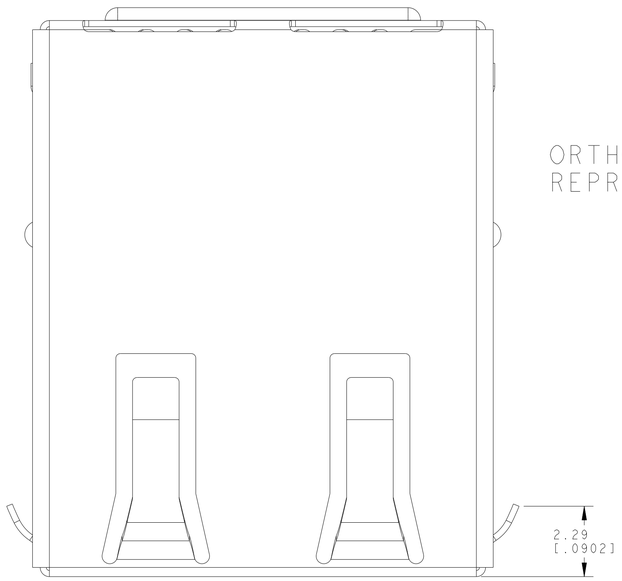
CUSTOMER DRAWING | SCALE 5:1 | SHEET 2 OF 3 | REV F6

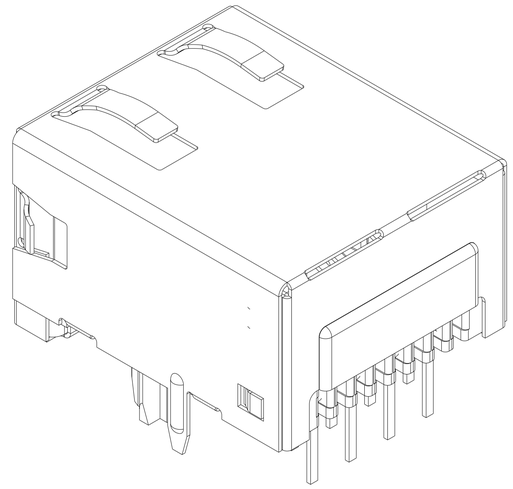
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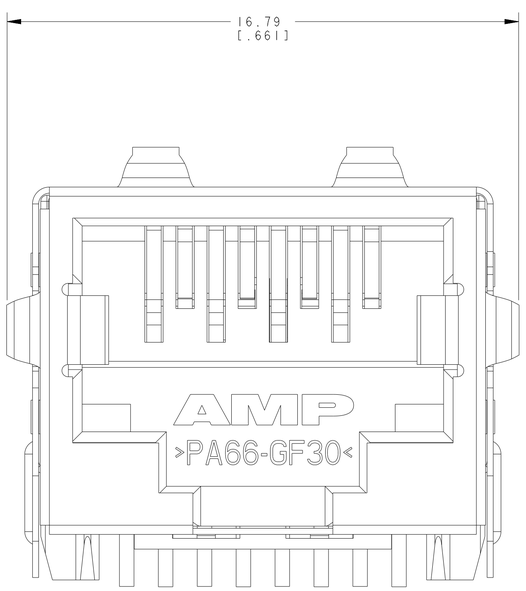
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

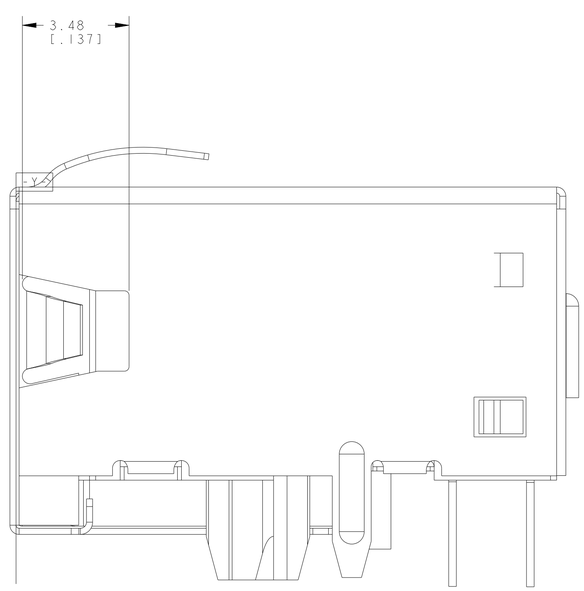
ORTHOGRAPHIC & ISO VIEWS ADDED FOR 1888542-6 TO REPRESENT/SHOW IT COME WITH TWO SHORT SIDE EMI FINGERS.

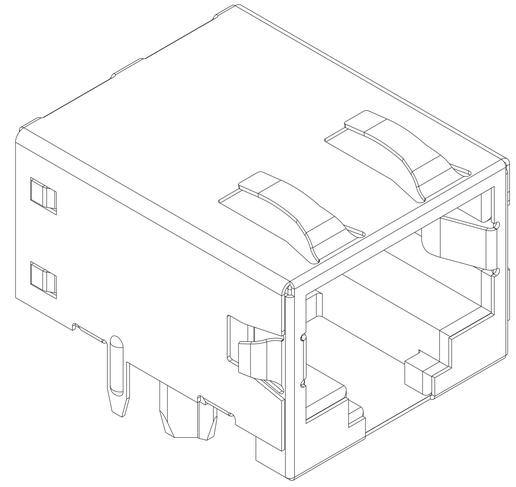




SCALE 7:1







SCALE 7:1

SHOWN IN SHEET 3: 1888542-6 , ALL DIMENSIONS & FEATURES ARE SAME AS 1888542-2, ONLY DIFFERENCE IS 1888542-6 COME WITH TWO SHORT SIDE EMI FINGERS.

TRAY		1888542-6
PACKAGE	MATERIAL/ FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13[.005]
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL: SEE TABLE -
FINISH: SEE TABLE -

DWN 07JUNE2006 BRIAN KUHNLY/L A MAYER
CHK 07JUNE2006 J.WESTMAN
APVD 07JUNE2006 S.FLICKINGER
PRODUCT SPEC 108-1163
APPLICATION SPEC 114-2048
WEIGHT 3.49 grams

TE Connectivity

NAME MODULAR JACK ASSEMBLY, 8 POSITION, SHIELDED, 10mm, WAVE PANEL GROUND TABS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	-	C-1888542	

CUSTOMER DRAWING | SCALE 5:1 | SHEET 3 OF 3 | REV F6

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