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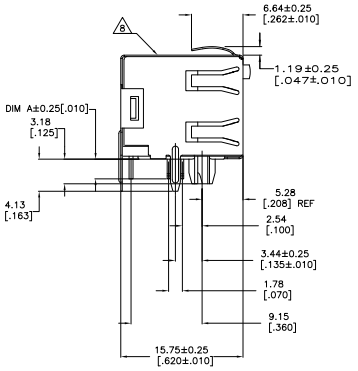
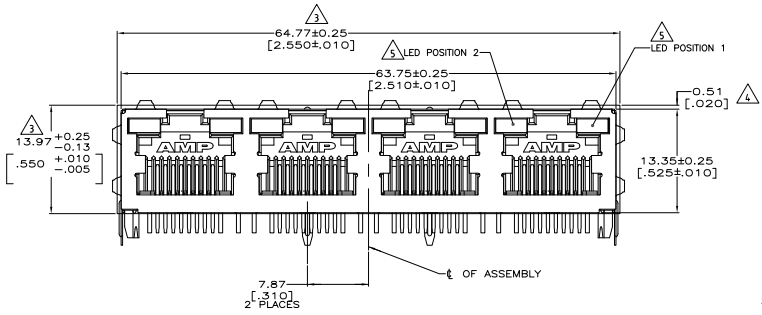
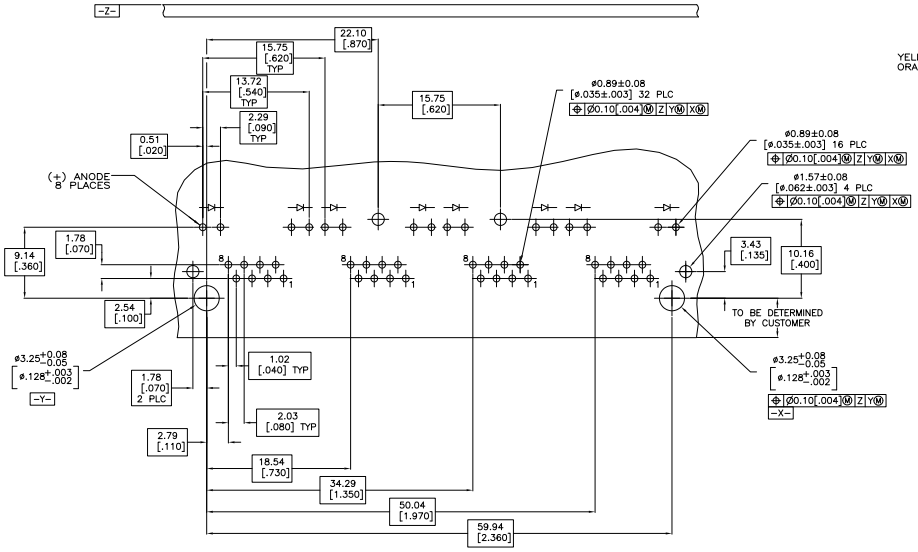
REVISIONS					
LTR	CHK	DESCRIPTION	DATE	DWN	APVD
K		ECO-07-022131	03NOV07	LAM	JW
K1		REVISED PER ECO-09-021826	12SEP09	KK	AEG
K2		REVISED ECR-10-006801	01APR10	AZ	SY

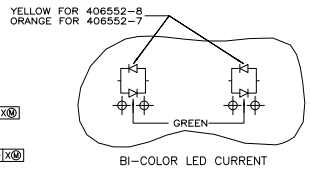




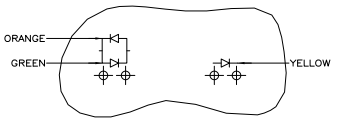
1. MATERIAL:
HOUSING – HIGH TEMPERATURE THERMOPLASTIC, BLACK, UL94V–0.
TERMINALS – 0.36[.014] THICK PHOS BRONZE PLATED WITH 3.81µm[.000150] MINIMUM THICK BRIGHT TIN LEAD IN SOLDER AREA. 1.27µm [.000050] MINIMUM GOLD IN LOCALIZED PLATE AREA. ENTIRE TERMINAL PLATED WITH 1.27µm [.000050] MINIMUM THICK NICKEL.
SHIELD – 0.196[.0077] THICK COPPER ZINC ALLOY PREPLATED WITH 1.27µm[.000050] MINIMUM SATIN NICKEL WITH 2.03µm[.000080] MINIMUM TIN POST DIPPED ON PCB GROUND TABS.
LIGHT EMITTING DIODE (LED) – DIFFUSED EPOXY LENS, 0.51 x 0.51[.020 x .020] CARBON STEEL WIREFRAME LEADS PLATED WITH 8.89µm[.000350] TIN/COPPER OVER 2.03µm[.000080] SILVER OVER 1.02µm[.000040] NICKEL UNDERPLATE OVER 2.03µm[.000080] COPPER UNDERPLATE.
2. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIIONS PART 68, SUBPART F.
3. SUGGESTED PANEL OPENING DIMENSIONS.
4. SUGGESTED CLEARANCE BETWEEN TOP OF CONNECTOR AND TOP PANEL OPENING.
5. SEE TABLE FOR COLOR OF LEDS AND NUMBER REQUIRED.
6. THIS MODULAR JACK WITH INTEGRATED LED IS NOT IR REFLOW SOLDERING PROCESS COMPATIBLE.
7. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
8. MANUFACTURING DATE CODE:
LOCATED APPROX. AS SHOWN.
FIRST 2 DIGITS= LAST 2 DIGITS OF YEAR.
NEXT 2 DIGITS= MANUFACTURING WORK WEEK.
LAST DIGIT= DAY OF WEEK WITH SUNDAY=1.



RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT
(COMPONENT SIDE)



BI-COLOR LED CURRENT DIAGRAM



LED CURRENT DIAGRAM
406552-9 ONLY

	DIM A SOLDERTAIL LENGTH	POSITION 2 INDICATOR COLOR FOR EACH HOUSING	POSITION 1	PART NUMBER
7 SUPERSEDED BY 1-5406552-4	.100	RED	GREEN	~~1-406552-4~~
SUPERSEDED BY 1-5406552-3	.100	GREEN/RED	GREEN/RED	~~1-406552-3~~
	.120	YELLOW	GREEN	1-406552-1
7 SUPERSEDED BY 5406552-9	.100	GREEN/ORANGE	YELLOW	~~406552-9~~
	.100	GREEN/YELLOW	GREEN/YELLOW	406552-8
	.100	GREEN/ORANGE	GREEN/ORANGE	406552-7
	.100	YELLOW	YELLOW	406552-6
	.100	GREEN	GREEN	406552-5
	.100	GREEN	YELLOW	406552-4
7 OBSOLETE	.100	YELLOW	–	~~406552-3~~
7 SUPERSEDED BY 5406552-2	.100	–	GREEN	~~406552-2~~
	.100	YELLOW	GREEN	406552-1

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS: mm [INCHES]
TOLERANCE UNLESS OTHERWISE SPECIFIED: 0 PLC ± –, 1 PLC ± –, 2 PLC ± 0.25[.01], 3 PLC ± 0.13[.005], 4 PLC ± –, ANGLES ± –
MATERIAL: SEE NOTE 1
FINISH: SEE NOTE 1
DRN T. SPRINKLE 23SEP97
CHK T. SPRINKLE 23SEP97
APVD M. DERSTINE 23SEP97
PRODUCT SPEC 108-1163-4
APPLICATION SPEC 114-2154
WEIGHT –
Tyco Electronics Corporation, Harrisburg, PA 17105-3608
NAME: INVERTED MODULAR JACK ASSEMBLY, 1X4, SHIELDED, PANEL GROUND, WITH LED
SIZE A1 | CAGE CODE 00779 | DRAWING NO C-406552 | RESTRICTED TO –
CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV K2

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