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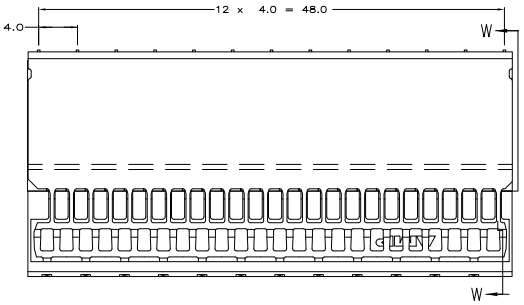
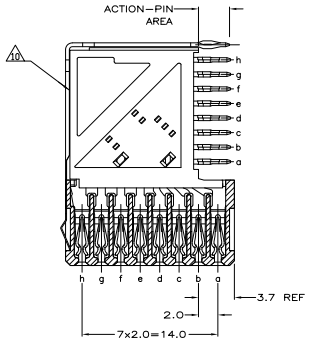
UOC	DIST
AD	00

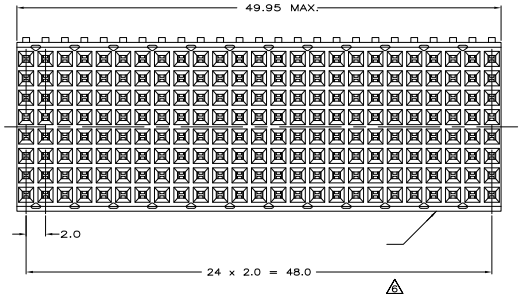
REVISIONS

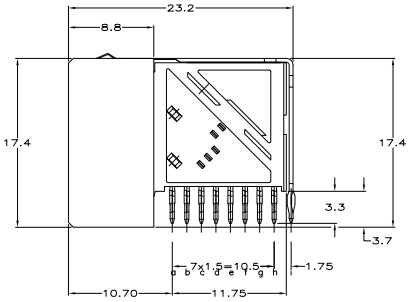
P	LTR	DESCRIPTION	DATE	DBR	APVD
	E4	REVISED PER ECO-10-001916	02FEB2010	JY	SY
	F	ECR-10-018652	10SEP10	JS	MOW
	G	ECO-11-024491	13DEC11	SY	MOW



SECTION W–W

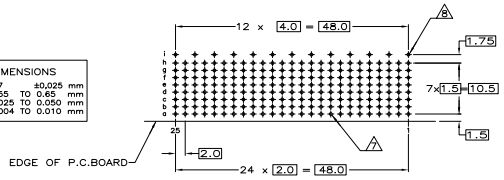






PCB HOLE DIMENSIONS

DRILLED HOLE	∅.7	±∅.025	mm
FIN. HOLE	∅.55	TO ∅.65	mm
Cu–thks	∅.025	TO ∅.050	mm
SnPb–thks	∅.004	TO ∅.010	mm



RECOMMENDED PCB HOLE LAYOUT
COMPONENT SIDE
SCALE 2.5:1

1. MATERIAL:
CONTACT: PHOSPHOR BRONZE.
HOUSING: GLASS–FILLED POLYESTER.
2. GENERAL PLATING SPECIFICATION: UNDERPLATING (ENTIRE CONTACT): 1.27µm MIN NICKEL AND ACTION PIN: 0.5µm MIN TIN/LEAD.
FOR PLATING OF MATING SURFACES SEE APPLICABLE SPECIFICATION REFERENCE FOR EACH DASH NUMBER.
3. CONFORMS TO ALL TESTING ACCORDING TO IEC 61076–4–101 PERFORMANCE LEVEL 2.
4. CONFORMS TO ALL TESTING ACCORDING IEC 61076–4–101 PERFORMANCE LEVEL 1
5. CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR–1217–CORE QUALITY LEVEL III, CENTRAL OFFICE APPLICATIONS.
6. CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR–1217–CORE QUALITY LEVEL III, UNCONTROLLED ENVIROMENT APPLICATIONS.
7. CONNECTOR MARKED WITH PART NUMBER AND DATE CODE. ADDITIONAL CHARACTERS OR MARKINGS, AS WELL AS THE LOCATION OF THE MARKINGS, MAY BE ADDED FOR TRACEABILITY BASED UPON MANUFACTURERS DISCRETION.
8. PLATED–THROUGH HOLES AT 2x1.5mm GRID 200 TOTAL HOLES.
9. ROW "i" 13 PLATED THROUGH HOLES FOR UPPERSHIELD.
10. CONNECTOR & SHIELD LUBRICATED WITH BELCORE APPROVED LUBRICANT, TECHNICAL REFERENCE: TR–NWT–001217 ISSUE 1, SEP 1992.
11. SHIELD MOUNTED ON CONNECTOR WITH DOUBLE SIDED ADHESIVE TAPE OR ADHESIVE.
12. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
13. 0.76µm MIN GOLD PLATING AT MATING SURFACES.

	FINISH	PART NUMBER
	2 3 13	3–646487–0
12 OBSOLETE	2 5 9	~~1–646487–9~~
	2 5 9	646487–9
	2 4	646487–4
	2 3	646487–1

THIS DRAWING IS A CONTROLLED DOCUMENT.

TEM	B.CARBO	ORIGINATOR
CE	G.SKIPPER	CHECKER
APVD	G.SKIPPER	CHECKER
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

DIMENSIONS: mm — TOLERANCE UNLESS OTHERWISE SPECIFIED: ±0.2 (PLC 2 ±0.1, PLC 3 ±0.05, PLC 4 ±0.025, PLC 5 ±0.01)
MATERIAL 1 — FINISH SEE TABLE

Tyco Electronics Corporation
Harrisburg, PA 17105–3608

NAME R/A RECEPTACLE ASSY, 200 POSN
2–PACK 2mm HM, TYPE E
W/GROUND RETURN SHIELD

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C–646487	—

CUSTOMER DRAWING — SCALE 5:1 — SHEET 1 OF 1 — REV G

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