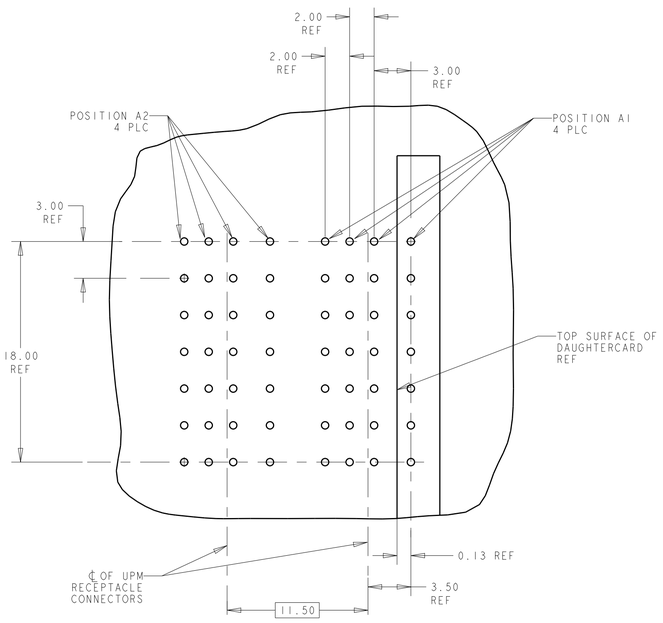
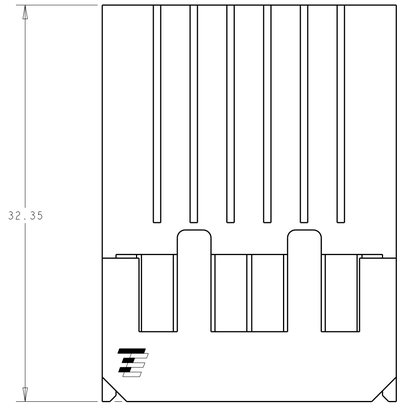
LOC	DIST
GS	00

REVISIONS

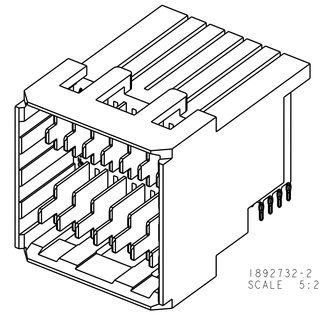
P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	FIRST RELEASE	22OCT2012	OL	SZ



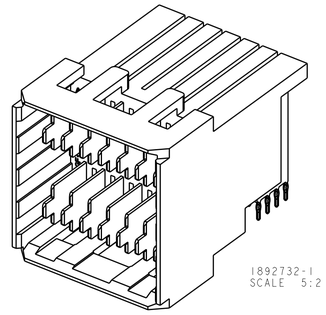
MATERIAL MATING RECEPTACLE PCB LAYOUT 3



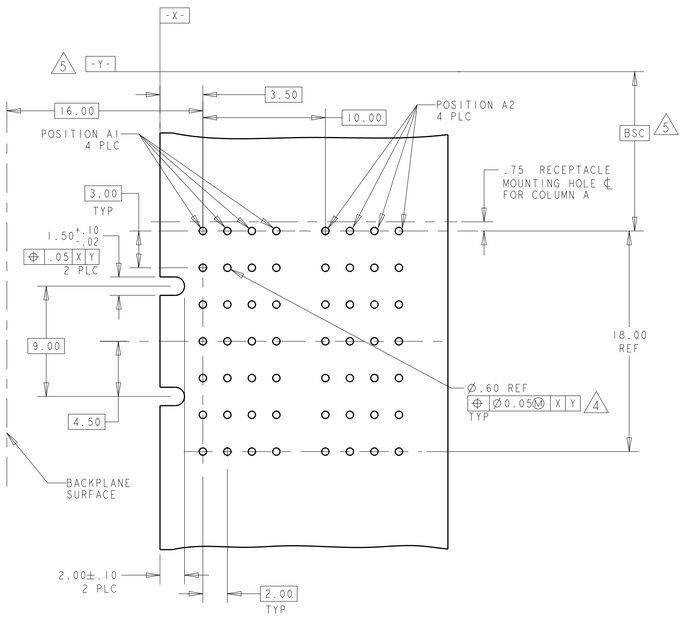
1. MATERIAL: HOUSING: POLYESTER. COLOR: BLACK, UL 94 V-0
   CONTACT: COPPER ALLOY.
2. FINISH: CONTACT MATING AREA: 0.00076 mm MIN GOLD PLATE OVER 0.00127 mm MIN NICKEL, OR 0.00005 mm MIN GOLD OVER 0.00064 mm PALLADIUM-NICKEL OVER 0.00127 mm MIN NICKEL.
   COMPLIANT TAIL AREA: 0.0005 mm MIN BRIGHT TIN PLATE OVER 0.00127 mm NICKEL UNDERPLATE.
3. TAILS OF MATING UPM STYLE RECEPTACLE ARE OFFSET BY .75 mm FROM TAILS OF THIS CONNECTOR. SEE CUSTOMER DRAWING 120992 FOR RECEPTACLE EXAMPLE. SEE APPLICATION SPEC 114-1103 FOR MORE DETAILED DESCRIPTION OF THE TAIL OFFSETS.
4. PC BOARD HOLE SPECIFICATIONS:
   DRILLED HOLE SIZE: 0.700±0.02 mm
   FINISHED HOLE SIZE: 0.60±0.05 mm
   PLATING THICKNESS:
   0.025 - 0.050 mm COPPER
   0.004 - 0.010 mm HASL TIN
   0.0005 mm MIN IMMERSION TIN
   0.0002 - 0.0005 mm OSP
   0.0001mm MIN IMMERSION SILVER
   0.0001-0.0005 mm IMMERSION GOLD OVER 0.004-0.005 mm NICKEL
5. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
6. MINIMUM REQUIRED PC BOARD THICKNESS IS 1.44mm.
7. CONTACT AREA LUBRICATED WITH BELLCORE APPROVED LUBRICANT. TECHNICAL REFERENCE GR-1217-CORE, ISSUE 1 NOVEMBER 1995.
8. POSITION A1 IS AT MATERIAL ID.

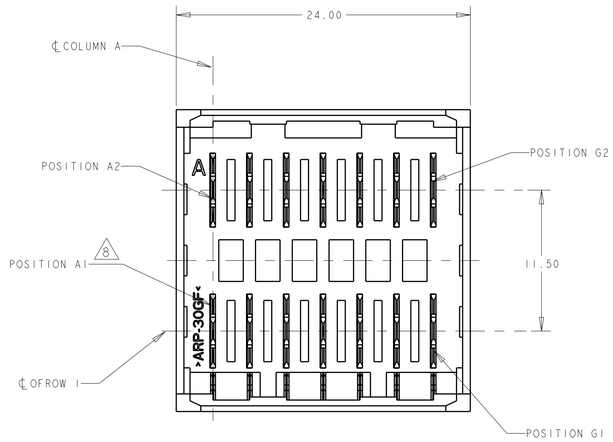


1892732-2
SCALE 5:2

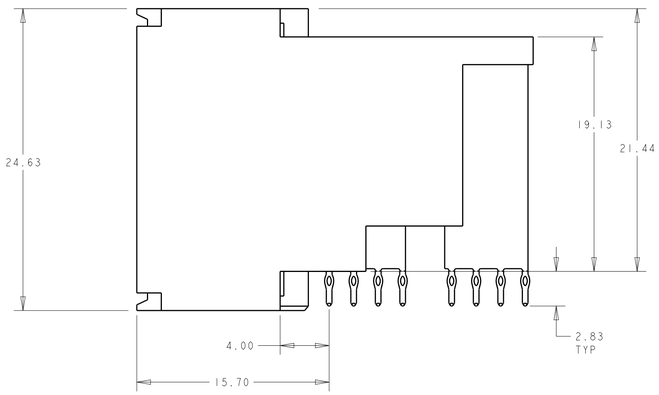


1892732-1
SCALE 5:2





RECOMMENDED PCB LAYOUT 6



A1,B1,C1,D1, E1, F1, G1	A2,B2,C2,D2, E2, F2, G2	1892732-2
-	ALL	1892732-1
LONG PIN LOCATION	SHORT PIN LOCATION	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTRACTING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±.25
2 PLC ±.25
3 PLC ±-
4 PLC ±-
ANGLES ±1°0'

MATERIAL 1
FINISH 2

DWN	ORANDO LI	22OCT2012
CHK	SUNY ZHAO	22OCT2012
APVD	SUNY ZHAO	22OCT2012
PRODUCT SPEC	108-2289	
APPLICATION SPEC	114-13269	
WEIGHT	-	

Tyco Electronics
Tyco Electronics
ShangHai, PA 200233

NAME
ASSEMBLY, RIGHT ANGLE HEADER MINIPAK HDE, 2X7 POSITION

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1892732	-

Customer Drawing | SCALE 4:1 | SHEET 1 OF 1 | REV 1