



LOC	DISP	REV	DESCRIPTION	DATE	BY	APPV
CC	00	A1	REVISED PER ECO-11-005027	1 MAR 2011	AK	HMA

PCB HOLE DIMENSIONS:  
 DRILLED HOLE = 0.64 ± 0.02 mm  
 FINISHED HOLE = 0.55 mm REF  
 Cu THICKNESS = 25-50 um WITH EITHER  
 PLATING THICKNESS:  
 HASL Sn Pb = 4-10 um OR  
 IMMERSION Sn = MIN 0.5 um OR  
 OSP = 0.2-0.5 um OR  
 IMMERSION Au/Ni = 0.5-1.2 um Au OVER 3.0-7.0 um Ni OR  
 IMMERSION Ag = 0.1 um MIN

MATERIAL:  
 HOUSING - LCP - 84V-0 RATED, COLOR - BLACK  
 CONTACTS - COPPER ALLOY  
 WEAR PLATE - STAINLESS STEEL  
 INSULATION FILM - MYLAR

FINISH - MATING AREA - 0.76 um MIN GOLD OR  
 0.64 um MIN PALLADIUM-NICKEL OVER 1.27 um MIN NICKEL  
 COMPLIANT PIN AREA - 0.5 um MATTE TIN OVER 1.27 um  
 NICKEL.

4 CONNECTOR MARKED WITH PART NUMBER AND DATE CODE.  
 5 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.  
 6 CONTACT AREA LUBRICATED WITH BELLCORE APPROVED LUBRICANT TECHNICAL REFERENCE GR-1217-CORE ISSUE 1, NOVEMBER 1995.  
 7 REFER TO TE CONNECTIVITY APPLICATION SPECIFICATION 114-13180 FOR SPECIFIC APPLICATION RELATED INFORMATION.

FINISH - MATING AREA - 0.76 um MIN GOLD OR  
 0.64 um MIN PALLADIUM-NICKEL OVER 1.27 um MIN NICKEL  
 COMPLIANT PIN AREA - 0.5 um BRIGHT TIN-LEAD OVER 1.27 um  
 NICKEL.

WEAR PLATE EXTENDS FROM TOP OF CONNECTOR TO BOTTOM OF SLOT AND IS USED TO ELIMINATE WEAR OF THE HOUSING CAUSED BY THE EDGE OF THE PCB CARD.

INSULATION FILM USED WHEN ADDITIONAL INSULATION SPACING IS NEEDED BETWEEN PCB TRACES AND CONTACTS.

YES	NO	YES	NO	2-1469820-4
YES	NO	YES	NO	2-1469820-3
YES	NO	YES	NO	2-1469820-2
YES	NO	YES	NO	2-1469820-1
NO	YES	YES	NO	1-1469820-4
NO	YES	YES	NO	1-1469820-3
NO	YES	YES	NO	1-1469820-2
NO	YES	NO	NO	1-1469820-1
NO	NO	YES	YES	1469820-4
NO	NO	NO	NO	1469820-3
NO	NO	NO	YES	1469820-2
NO	NO	NO	NO	1469820-1

INSULATION FILM	FINISH	WEAR PLATE	ALIGNMENT POSTS	PART NUMBER
YES	NO	NO	NO	1469820-4
NO	NO	NO	NO	1469820-3
NO	NO	YES	NO	1469820-2
NO	NO	NO	NO	1469820-1

SUPERCEDED BY 1-1469820-4  
 SUPERCEDED BY 1-1469820-3  
 SUPERCEDED BY 1-1469820-2  
 SUPERCEDED BY 1-1469820-1

THIS DRAWING IS A CONTROLLED DOCUMENT. SW D SZCZESNY  
 DIMENSIONS: mm  
 MATERIAL: FINISH: -  
 PRODUCT SPEC: 108-2254  
 APPLICATION SPEC: 114-13180  
 WEIGHT: -  
 CUSTOMER DRAWING

TE Connectivity  
 CARD EDGE CONNECTOR, VERTICAL  
 MICRO TCA  
 SIZE: CASE CODE: DRAWING NO: A200779 © 1469820  
 SCALE: 3:1 SHEET 1 OF 2 REV A1

