
 FOR ALL DIMENSIONS SEE 10123159-101LF ON SHEET 1

SCALE 7:1



10123159-301LF
SHORT DETECT RECEPTACLE SHORT DETECT POSITION IS T2
FOR ALL DIMENSIONS SEE 10123159-101LF ON SHEET 1
SCALE 7:1



10123159-401LF
ADVANCED MATE/SHORT DETECT RECEPTACLE
ADVANCED MATE POSITIONS ARE POSITIONS AI AND All ONLY
SHORT DETECT POSITION IS T2
FOR ALL DIMENSIONS SEE 10123159-101LF ON SHEET 1
SCALE 7:1




10123159-XIALF THRU 10123159-XIJLF
RIGHT GUIDANCE (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE 10123159-101LF ON SHEET 1
SCALE 6:1


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connector materials
IMLA PL HIGH TEMP THERMOPLASTIC, BLACK, UL94-VO CONTACTASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V CONTACT: COPPER ALLOY
ORGANIZER: HIGH-TEMP THERMOPLASTIC, UL94-VO

2 - contact plating.
SEPARABIE ATERFACE
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-1096 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) central office test sequence
press-Fit talls: tin over nickel (LEAd free)
PRODUCT SPECIFICATION: GS-12-1096
4.The minimum via spacing between stacked connectors
Is 2.0 mm FOR THIS RAR AND THE MATING HEADER.- connector outline may be screen printed onto customer pcb toREFER TO CUSTOMER DRAWING 10119933 FOR INFORMATION ON PCB hOLE DIAMETERS AND PLATING OPTIONS
THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES \&REFER TO APPLICATION SPECIFICATION FOR TRACE ROUTING WIDTH, TRACE SPACING, ETCTHE HOUSING WILL WITHSTAND EXPOSURE TO $260^{\circ}$ C FOR $10-30$
SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVENWITH AN MEVANCED RECEPTACLE, 1 $123159-2 \times$ V angle header will provide 2 pairs of mating contacts that mate 0.75 mm BEFORE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTSTHE SHORT DETECT RECEPTACLE, $10123159-3 \times X L F$, WHEN MATED WITH A STANDARD MATE VERTICAL HEADER OR A STANDARD MATE mate 1 ormmafter the remainder of the signal and ground thatTHE ADVANCE MATE/SHORT DETECT RECEPTACLE, $10123159-4 \times X L F$, WHEN MATED WE AN ADVANCED MATE VERICAL HEAOR OR AN ADVANCED MATE RIGHT-ANGLE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS AND I PAIR OF MATING CONTACTS THAT MATE 1.00 mm AFTER THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.FOR connectors with either a right or Left guide module. two phillips pan head mz hold dows SCREWS MUST BE USED TO SECURE THE CONNECTOR TO THE PCB THE SCREW LENGTH SHALL BE
$2.0-6.0 \mathrm{~mm}$ PLUS THE THICKNESS OF THE BOARD. SCREWS ARE NOT PROVIDED WITH CONNECTOR- LEFT I RIGHT INTEGRATED GUIDE ORIENTATION IS DETERMINED BY THE LOCATION OF THE GUIDE FEATURES WHEN LOOKING AT THE MATING FACE OF THE RIGHT ANGLE RECEPTACLE. THE LEFTI RIGH
DESIGNATION OF THE MATING HEADER IS DEFINFD BY THE RIGHT ANGLE RECEPTACIE THAT ITAATES WITH (i.e. A RIGHT GUIDE VERTICAL HEADER MATES WITH A RIGHT GUIDE RIGHT ANGLE RECEPTACLE.- all ground contacts within a column are commoned.


LEFT GUIDE
RIGHT GUIDE

ExaMAX INTEGRATED GUIDE ORIENTATION
4 PAIR 10 IMLA CONNECTORS SHOWN FOR REFERENCE ONLY SEE NOTE 17


PDS: Rev:A
STATUS:Released
Printed: Sep 23, 2015

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