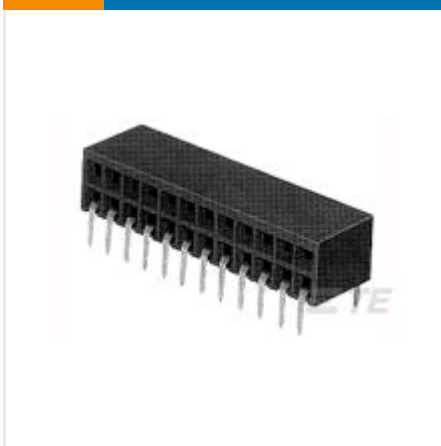




CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

MOD HORZ 100CL/145 TN/12 POS

AMPMODU | AMPMODU , TN

87965-5

TE Internal Number: 87965-5

Mil-Spec: M55302/128-AE1D

EU RoHS Compliant

EU ELV Compliant

Connector Style Receptacle

Number of Positions 12

Centerline (Pitch) 2.54 mm [.1 in]

Contact Mating Area Plating Material Gold

Contact Mating Area Plating Thickness 1.27 µm [50 µin]

 **PRODUCT DRAWING**
English

DOCUMENTATION

Product Drawings

HOUSING ASSEMBLY, MOD II, DOUBLE ROW, IN LINE 2.54[.100] Q

PDF (TIFF AVAILABLE)

English

FEATURES

Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

Connector Style Receptacle
Sealable No
Connector & Contact Terminates To Printed Circuit Board
Row-to-Row Spacing 2.54 mm [.1 in]
Series AMPMODU, MOD II
PCB Mounting Orientation Right Angle
Connector Type Connector Assembly
Profile Standard
Boss Without
Product Type Connector

Configuration Features

Stackable No
Number of Positions 12
Number of Rows 2

Body Features

Keying Plug Number 102188-1

Contact Features

Solder Tail Contact Plating Material Gold over Nickel
Contact Configuration Short Point
Contact Mating Area Plating Material Gold
Contact Mating Area Plating Thickness 1.27 μm [50 μin]
Solder Tail Contact Plating Thickness 1.27 μm [50 μin]
Contact Base Material Phosphor Bronze
Contact Type Socket

Termination Features

Termination Method to PC Board Through Hole - Solder
Termination Post Length 3.68 mm [.145 in]

Mechanical Attachment

PCB Mount Retention Without

Housing Features

Centerline (Pitch) 2.54 mm [.1 in]
Housing Entry Style Closed, Side
Housing Material Polyphenylene Sulfide (PPS)
Housing Color Natural

Dimensions

Height 6.05 mm [.238 in]
Tail Length 3.68 mm [.145 in]
PCB Thickness (Recommended) 2.36 mm [.093 in]

Usage Conditions

High Temperature Compatible No

Operation/Application

Assembly Process Feature Board Standoff

Pick and Place Cover Without

Industry Standards

MIL-C-55032 Yes

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
