S9HTG08ET 10G 4PPoE CIRCUIT Diagram

1. MATERIALS:
   - Nickel, Thermoplastic Elastomer, Flame Retardant Rating UL 94V-0
   - Shield Nickel on the Plated on Copper Alloy
   - Copper 70% Nickel-Silicon, Plated with a 5.5% Manganinite TAN OVER 27% MIN Nickel
   - Contact: Microwave Surface with 1.0 mm MIN DIESEL Weld, INSULATED and SELECTIVE 1.0 mm MIN GOLD PLATING AT RATING INTERFACE

   MARGOT:
   - APPLICATION: 10G 100G BASE-T, EXTENDED TEMPERATURE
   - PERFORMANCE: 1000 BASE-T, ALL FOUR PAIRS
   - OPERATING TEMPERATURE: 0°C TO 55°C
   - ISOLATION VOLTAGE: 2200VDC FOR 60 SECONDS WITH ALL LINES CONNECTED, WITH 325 VACULINES.

   Operating Temperature: -40°C to 85°C

   2. DESIGN AND SPECIFICATIONS ARE DETAILLED BY CUSTOMER.

   PANEL TESTING LOCATION WITH RESPECT TO CUSTOMER PCB EDGE

   THE FACTORY GOODS IS WITHOUT SNIP LED. THE SHIP LED IS PROVIDED BY CUSTOMER, GNDLED, AND THE SHIP LED IS MOUNTED ON CUSTOMER PCB.

   FOR WIRE SIZE AND PLACINGS, SEE SHEET 4.
RECOMMENDED HOLE DIMENSIONS FOR SIGNAL & INNER SHIELD CONTACTS

<table>
<thead>
<tr>
<th>THICKNESS</th>
<th>PLATING</th>
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<tbody>
<tr>
<td>0.004±0.001</td>
<td>NI SILVER LEAD FREE MELT WELLED (Cow Pkt)</td>
</tr>
<tr>
<td>0.005±0.001</td>
<td>PERFECT TIN</td>
</tr>
<tr>
<td>0.006±0.003</td>
<td>ORGANIC SOLVENT RESISTANT DECOAT</td>
</tr>
<tr>
<td>0.006±0.003 0.004±0.001 NI</td>
<td>NICKEL GOLDDIP OVER NICKEL COAT</td>
</tr>
<tr>
<td>0.015±0.025</td>
<td>TIN LEAD LEADED Pull Tab</td>
</tr>
<tr>
<td>0.015±0.003</td>
<td>NICKEL LEADED Pull Tab</td>
</tr>
</tbody>
</table>

RECOMMENDED HOLE DIMENSIONS FOR OUTER SHIELD CONTACTS

[Diagram and table details]
| SHEET 1: | 1. CHANGE DIMENSION 300.66 TO 300.61 |
| SHEET 2: | 2. REMOVE SKETCH A (55) |
| SHEET 3: | 3. CHANGE MATERIAL FROM 400°C TO 800°C |

DATE: 06/02/2019

CHANGE: DESIGN CHANGE

APPROVED: TONY YANG

DOCUMENTATION: TONY YANG

DATE: 06/02/2019

CHANGE: DESIGNIFICATION

APPROVED: TONY YANG

DOCUMENTATION: TONY YANG

DATE: 06/02/2019