



THEAN HWA RESOURCES (M) SDN BHD.

APPLICATOR (APPLICATOR FOR END AND SIDE TYPE TERMINAL)

SIDE FEED (TH-M2S) 	END FEED (TH-M2E) 	AUTO SIDE (TH-M2A) 
SIDE FEED (TH-J2S) 	END FEED (TH-J2E) 	FLAG (TH-J4F) 
SIDE FEED (TH-K2S) 	END FEED (TH-K2E) 	END FEED (TH-Y2E) 
SIDE FEED (TH-C2S) 	END FEED (TH-C2E) 	LOOSE (TH-M2L) 







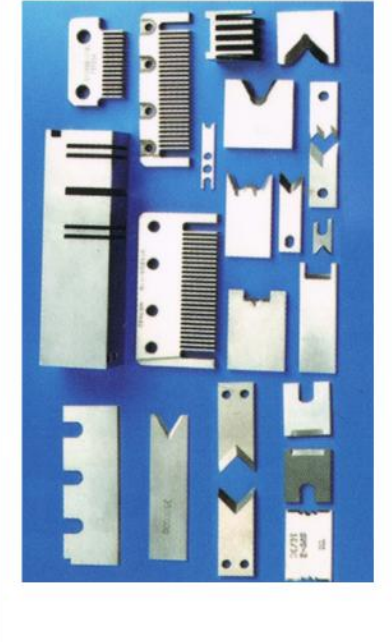


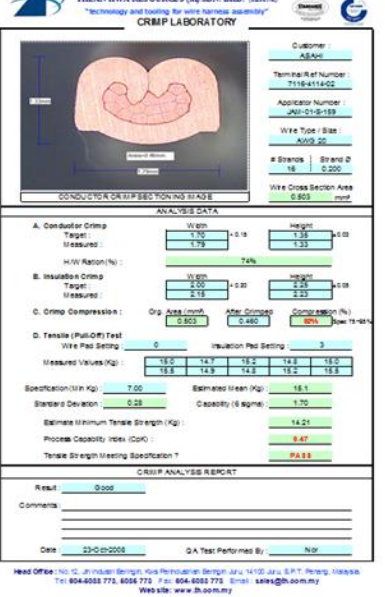
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TOOLS AND BLADES FOR APPLICATOR AND MACHINES

<p>TH-M2S / JAM SIDE</p> 	<p>TH-M2E / JAM END</p> 	<p>TH-M2A / JAM AUTO</p> 																																																																																				
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	<p>CRIMP CROSS-SECTION ANALYSIS</p>																																																																																					
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<p>IMAGE ANALYSIS SOFTWARE</p> 	 <table border="1"> <thead> <tr> <th colspan="4">ANALYSIS DATA</th> </tr> </thead> <tbody> <tr> <td colspan="4">A. Conductor Crimp</td> </tr> <tr> <td>Target</td> <td>1.70</td> <td>1.1 to 1.9</td> <td>1.33</td> </tr> <tr> <td>Measured</td> <td>1.79</td> <td></td> <td></td> </tr> <tr> <td colspan="4">A:W Ratio (%) :</td> </tr> <tr> <td></td> <td></td> <td></td> <td>24%</td> </tr> <tr> <td colspan="4">B. Insulation Crimp</td> </tr> <tr> <td>Target</td> <td>2.00</td> <td>1.0 to 2.25</td> <td>1.60</td> </tr> <tr> <td>Measured</td> <td>2.18</td> <td></td> <td>2.23</td> </tr> <tr> <td colspan="4">C. Crimp Compression :</td> </tr> <tr> <td>Org. Area (mm²)</td> <td>0.803</td> <td>Area Covered</td> <td>0.803</td> </tr> <tr> <td>Comp. Ratio (%)</td> <td></td> <td></td> <td>100%</td> </tr> <tr> <td colspan="4">D. Tensile (Pull-Off) Test</td> </tr> <tr> <td>Wire Pad Setup</td> <td>0</td> <td>Insulation Pad Setup</td> <td>3</td> </tr> <tr> <td>Measured Values (Kg)</td> <td>18.0</td> <td>12.7</td> <td>18.0</td> </tr> <tr> <td></td> <td>18.9</td> <td>13.9</td> <td>18.0</td> </tr> <tr> <td>Specification Min (Kg)</td> <td>7.00</td> <td>Estimate Min (Kg)</td> <td>16.1</td> </tr> <tr> <td>Standard Deviation</td> <td>0.28</td> <td>Capacity (6 sigma)</td> <td>1.70</td> </tr> <tr> <td>Estimate Minimum Tensile Strength (Kg)</td> <td></td> <td></td> <td>14.21</td> </tr> <tr> <td>Process Capability Index (Cp)</td> <td></td> <td></td> <td>1.67</td> </tr> <tr> <td>Tensile Strength Meeting Specification ?</td> <td></td> <td></td> <td>Pass</td> </tr> </tbody> </table>		ANALYSIS DATA				A. Conductor Crimp				Target	1.70	1.1 to 1.9	1.33	Measured	1.79			A:W Ratio (%) :							24%	B. Insulation Crimp				Target	2.00	1.0 to 2.25	1.60	Measured	2.18		2.23	C. Crimp Compression :				Org. Area (mm²)	0.803	Area Covered	0.803	Comp. Ratio (%)			100%	D. Tensile (Pull-Off) Test				Wire Pad Setup	0	Insulation Pad Setup	3	Measured Values (Kg)	18.0	12.7	18.0		18.9	13.9	18.0	Specification Min (Kg)	7.00	Estimate Min (Kg)	16.1	Standard Deviation	0.28	Capacity (6 sigma)	1.70	Estimate Minimum Tensile Strength (Kg)			14.21	Process Capability Index (Cp)			1.67	Tensile Strength Meeting Specification ?			Pass
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