THIS IS A C.A.D. GENERATED DRAWING DO NOT MAKE MANUAL REVISIONS TO MASTER.





SCALE 1:1



[2.40 ±0.25[0.488 ±0.010] -30.80 ±0.25 [1.213 ±0.010] --25.00 ±0.25 [0.984 ±0.010]

8.30 0.327 16.90 ±0.25 [0.665 ±0.010] 11.02 [0.434] 2.84 [0.112] $0.90 \pm 0.38 [0.429 \pm 0.015]$ 8.28 0.326 80 ±0.20 [0.031 ±0.008] 6.00 [0.236] Ø2.70 0.106 inside up to 12 AWG wire \emptyset 0.91 [0.036] (x4) inside up to 20 AWG wire

* UNLESS OTHERWISE SPECIFIED TOLERANCES ON DECIMAL IS: UNIT: MM UNIT: INCH $X.X \pm 0.25$ $X.XX \pm 0.13$

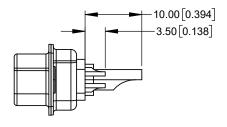
 $X.XXX \pm 0.05$

 $X.X^{\circ} \pm 0.5^{\circ}$

 $X.X \pm 0.010$ X.XX ± 0.005 $X.XXX \pm 0.002$ ISSUE NUMBER

ORIGINAL

X.° ± 1° $X.X^{\circ} \pm 0.5^{\circ}$



SPECIFICATIONS:

ELECTRICAL:

INSULATOR RESISTANCE: 5 GΩ

DIELEC. WITHSTAND VOLTAGE: 1.000 VAC R.M.S. POWER CONTACT CURRENT: 20A PER CONTACT MAX

POWER CONTACT RESISTANCE: 2 mΩ MAX.

SIGNAL CONTACT CURRENT: 5A PER CONTACT MAX.

SIGNAL CONTACT RESISTANCE: 10 mΩ MAX.

WORKING VOLTAGE: 250V

MATERIAL:

INSULATOR: PBT UL94 V-0, BLACK

SHELL: STEEL, NI PLATED

CONTACTS: COPPER ALLOY, FULL GOLD FLASH

GENERAL:

OPERATING TEMPERATURE: -55°C ~ 125°C

DD V/V/VI

PROCESS TEMP.: 230°C

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| WRITTEN PERMISSION. |

| | DRAWN | E.P | 02-05-23 | |
|---|----------|--------|----------|-------|
| Г | APPROVED | | DATE | |
| • | | S.R | 02- | 05-23 |
| | SCALE | SHEET | OF | REV: |
| | NA | 1 OF 1 | | 1 |

DATE



THIS SERIES FULLY CONFORMS TO THE EUROPEAN UNION DIRECTIVES 2015/863/EU AND 2011/65/EU FOR RoHS COMPLIANCY.



MH CONNECTORS, **DIVISION OF EDAC**

DRAWING No MHCDS5W1P2