	Rev	AWO #	Description	Date	Appr
	-		RELEASED	9/20/18	

APPROVED: _____

DATE: _____ TITLE: _____

.323 [8.20]
.161 [4.10]
.157 [4.00]
.022 [0.55]
.169 [4.30]
.339 [8.60]

RECOMMENDED PCB LAYOUT

.323 [8.20]
.102 [2.60]
.051 [1.30]
.016 [0.40]
PIN 1   PIN 5
.051 [1.30]
.163 [4.15]
.128 [3.25]
.106 [2.70]
.085 [2.15]
.154 [3.90]
.191 [4.85]
.121 [3.08]
.020 [0.50]
.331 [8.40]
.034 [0.85]

R.026 [0.65]
.272 [6.90]
PIN 1
.073 [1.85]
PIN 5
R.020 [0.50]
.026 [0.65]
.102 [2.60]

.193 [4.90]
.155 [3.93]
.121 [3.08]
.026 [0.65]
.028 [0.70]
0.10

R.020 [0.50]
.296 [7.52]

.307 [7.80]
.087 [2.20]
.197 [5.00]
.031 [0.80]
.010 [0.25]
.026 [0.65]
.102 [2.60]

PACKAGED ON TAPE & REEL
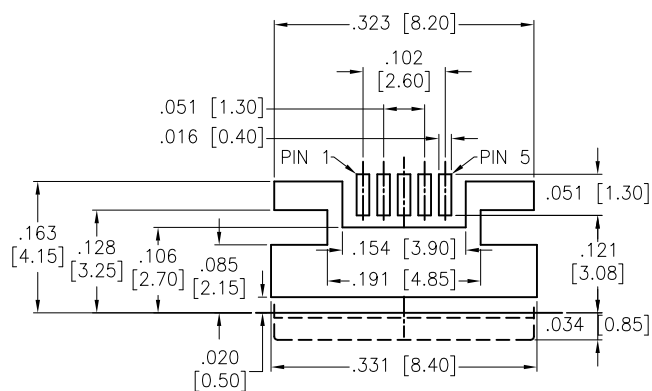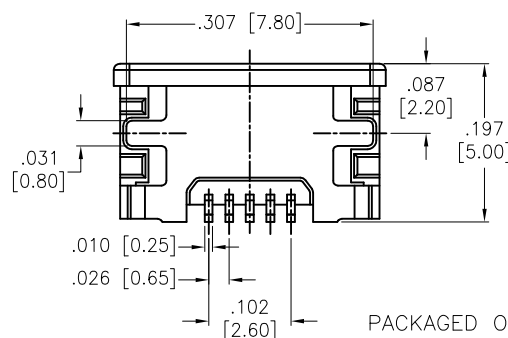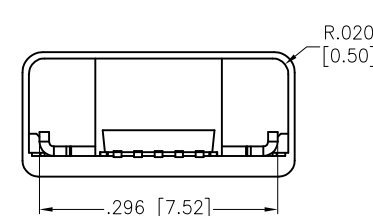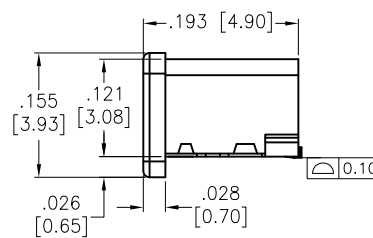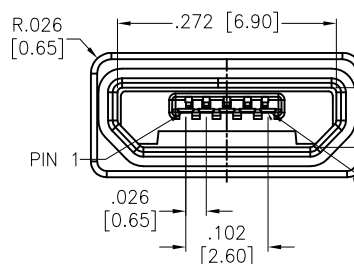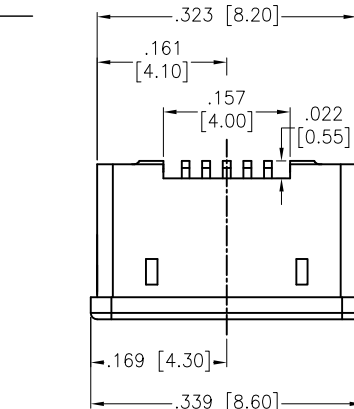
SPECIFICATIONS:
Material:
Insulator: Hi-temp thermoplastic, rated UL 94V-0
Insulator color: Black
Contacts: Copper Alloy
Shell: Stainless Steel, Nickel plated,
    Gold over Nickel underplate on solder tails
Plating:
Gold flash over Nickel underplate overall
Electrical:
Contact resistance: 30 milliohms max.
Insulation resistance: 1,000 Megohms min.
Dielectric withstand voltage: 100 VAC for 1 minute
Environmental:
Ingress protection rating: IPX5
Lead free, RoHS compliant.

RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X ± .10		ØX ±.10	
.XX ± .020		ØXX ±.015	
.XXX ± .015		ØXXX ±.010	

APPROVALS		DATE
DRAWN	HR	9/20/18
CHECKED	LW	9/20/18
APPROVED		

ADAM TECH INTERCONNECTS
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE
MICRO USB, TYPE B, SINGLE PORT
RIGHT ANGLE, SMT, WATERPROOF

SIZE	PART NO.	REV.
X	MCR-B-S-RA-TSMT-CS1-WP-T/R	-

REF: S00005C   SCALE: NTS   SHEET 1 OF 1

Mouser Electronics

Authorized Distributor

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