



- NOTES:
- MATERIAL:
 - HOUSING: HIGH TEMPERATURE THERMO PLASTIC UL94V-0; COLOR: BLACK
 - CONTACT: C2680SH
 - LATCH: SUS304
 - FINISH:
 - CONTACT:
 - CONTACT AREA: GOLD PLATING (THICKNESS SEE TABLE).
 - SOLDER AREA: GLOD FLASH
 - 1.27μm [50u"] MIN. NICKEL UNDERPLATING OVERALL.
 - LATCH: 50u" MIN. MATTE TIN PLATING OVER ALL, ALL OVER NICKEL (50u" MIN.)
 - RATINGS
 - VOLTAGE RATING: 50V AC (PER PIN);
 - CURRENT RATING: 0.5A (PER PIN);
 - OPERATING TEMPERATURE: -40°C~80°C;
 - ELECTRICAL REQUIREMENT:
 - LLCR: 55MΩ MAX, (INITIAL), 20MΩ MAX. CHANGE ALLOWED (FINAL);
 - DIELECTRIC WITHSTANDING VOLTAGE: 300V AC (RMS) FOR 1 MINUTE;
 - INSULATION RESISTANCE: 500MΩ MIN. @500V DC;
 - MECHANICAL REQUIREMENT
 - DURABILITY: 50 CYCLES;
 - VIBRATION: NO ELECTRICAL DISCONTINUITY GREATER THAN 1U SEC SHALL OCCUR
 - RESISTANCE TO HEAT: THE TEMPERATURE SHALL BE 260±5°C 10±1 SECONDS;
 - ORDER P/N SYSTEM:

MXM-78-314010R

MXM: MXM3.0 SERIES

HIGH: 7.8MM

NO. OF PINS: 314P

PACKING OPTION TACLANS
R: TAPE & REEL

GOLD PLATING ON CONTACT
10: 10u

D	DESCRIPTION	QTY	Materials	PLATING & COLOR
D	PEG	2	SUS304 T=0.20mm	50u" Min. Matte Tin ALL OVER 50u" Ni
C	Upper Contact	157	C2680SH, T=0.15mm	GOLD PLATING (10u") ON CONTACT AREA GOLD FLASH ON CONTACT SOLDER AREA
B	Lower Contact	157	C2680SH, T=0.15mm	GOLD PLATING (10u") ON CONTACT AREA GOLD FLASH ON CONTACT SOLDER AREA
A	HOUSING	1	LCP+30% GF, UL94-V0	BLACK
NO	DESCRIPTION	QTY	Materials	PLATING & COLOR

TOLERANCE		UMax conn 东莞市友贸实业有限公司 DONGGUAN UMAX ENTERPRISE LIMITED		TITLE: MXM 3.0 7.8H 314PIN 0.5PH SMD TYPE.	
LINEAR	ANGLES	APPD:	MAT'L:	PART NO. MXM-78-314010R	
X±0.40	X°± 3°	Jason		DWG NO. C-MXM-78	
.X±0.30	.X°±	CHKD: Schumi	FINISH:	UNITS SCALE SHEET REV	
.XX±0.20	.XX°±	DRWN: Lei Songping	Q'TY:	MM	1 : 1 1 OF 2 A0
.XXX±0.10	.XXX°±				

REV	ECN NO.	NAME	DATE	.XX±0.20	.XX°±
A0	-----	FENG.PF	Jul.23.2023		

