

SPECIFICATION
MATERIAL
INSULATOR: PA66 (6410G3/G5), RATED UL94V-0, BLACK
CONTACTS: BRASS(C3604-EH)
SHELL: BRASS(C3604-EH), Ni PLATED
O-RING: SILICON RUBBER
CONTACT PLATING
UNDERPLATE: 50u" MIN. Ni
CONTACT AREA: 10u" Au
SOLDER TAILS AREA: 10u" Au

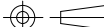
ELECTRICAL
RATED CURRENT: 0.5 AMPS MAX.
RATED VOLTAGE: 48V
CONTACT RESISTANCE: 5 mΩ MAX.
INSULATION RESISTANCE: 100 MΩ MIN. @ 500 V ±15V DC
DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC / MINUTE

GENERAL DATA
STANDARD/REGULATION: M12 CONNECTOR IEC 61076-2-109
CABLE AWG :24AWG
TEMPERATURE RANGE: -25°C TO +85°C
MATING CYCLES:100 INSERTIONS
WATERPROOF RATE: IP67

PACKING STYLE:
1.BAG

NO.	P/N	PARTS OF NAME	MATERIAL	Q'TY
1	M1649AERCPD1302A	Ø6.4 mm O-ring seal	SILICON RUBBER	1
2	M4649KE40ND1601A	M12 X-Code Female Housing Diecast	ZINC ALLOY(ZAMAK-3)	1
3	M1649KERCPD1401A	O-RING OD10.2X0.75mm	SILICON RUBBER	1
4	M1649KE08FD13E1A	M12 X-CODE FEMALE HOUSING BODY	PA66(6410G3) ,RATED UL94V-0	1
5	M2649KE2BBD101A	M12 X-CODE FEMALE CRIMP PIN 0.65mm	BRASS (C3604-EH) 50u" MIN Ni, Au 10u"	8
6	M1649ME08MD13E3A	CABLE HOLDER FOR OD 8.5mm	PA66(6410G5) ,RATED UL94V-0	1
7	S649KE00F00D11D3	M12 X-CODE FEMALE-MATEL SHELL PART	BRASS (C3604-EH) 50u" MIN. Ni	1
8		CRIMP O-RING	SILICON RUBBER 60°	1
8-1	M1649AERCPD5303A	CRIMP O-RING FOR OD 8.5 CABLE	SILICON RUBBER 60°	
8-2	M1649AERCPD1306A	CRIMP O-RING FOR OD 6.2 CABLE	SILICON RUBBER 60°	
9	M1649AE04MD5301A	RUBBER BOOT	SILICON RUBBER 70°	1

	B	ECN-2307038(TINA)Added part number		13JUL2023
	A	ECN-182024(Riley)		21JAN2018
ZONE	REVISION	DESCRIPTION	DATE	

3	54928010030	N/A		OD 5.5~6.5mm(24AWG)	W/O 8&9		
2	54928010020	649KE08FBBD1NGD3		OD 7.5~8.5 mm(24AWG)	STANDARD		
1	54928010010	649KE08FBBD1NFD3		OD 5.5~6.5mm(24AWG)	STANDARD		
ITEM	P/N	O/N		SPECIAL PRACTICE	NOTE		
UNLESS OTHERWISE SPECIFIED TOLERANCE ANG. ±5° 0. ±0.50 0 ±0.30 .00 ±0.20		 SIP		 CHANT SINCERE CO.,LTD			
		 CrMk Cpk					
SCALE: AS SHOWN		UNIT: mm				TITLE: M12 X-Code Female Crimp Epoxy Cable End 180°	
DRAWN: KEVIN_ZHENG		17 08 2023					
CHECKED: PEARL_HUNG		17 08 2023					
APPROVED: PEARL_HUNG		17 08 2023		PART NO. 5492801XXXX C			
	SIZE A4	SHEET 1/1	REV. B	CODE: GC	CUSTOMER:		