



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

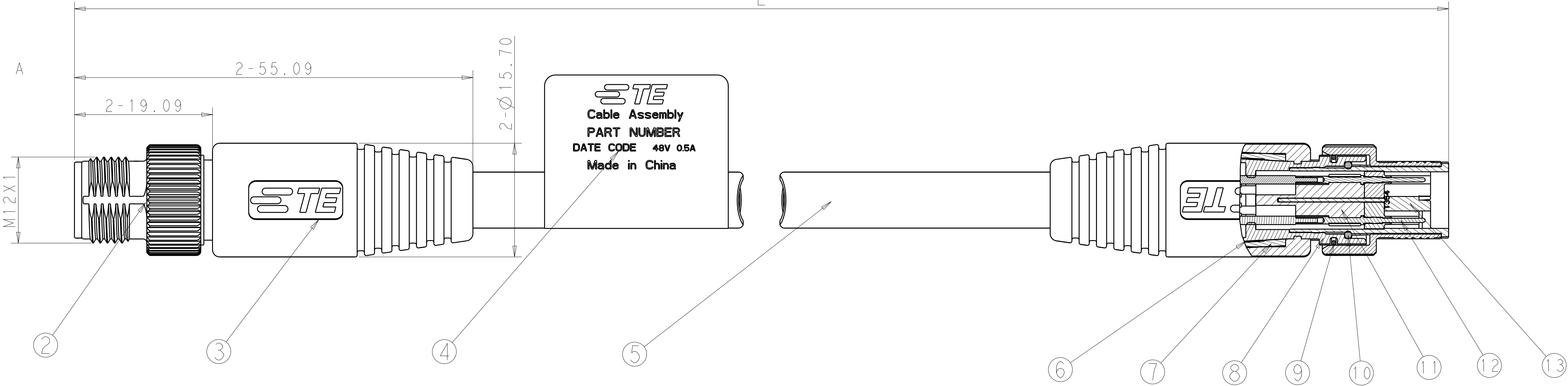
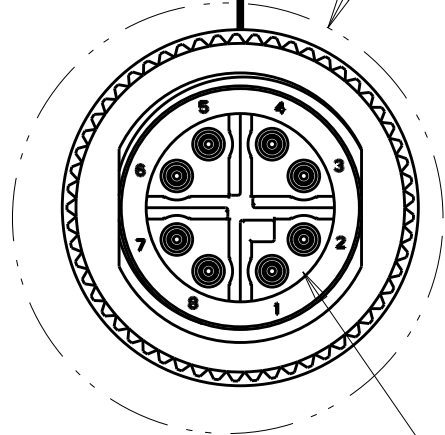
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

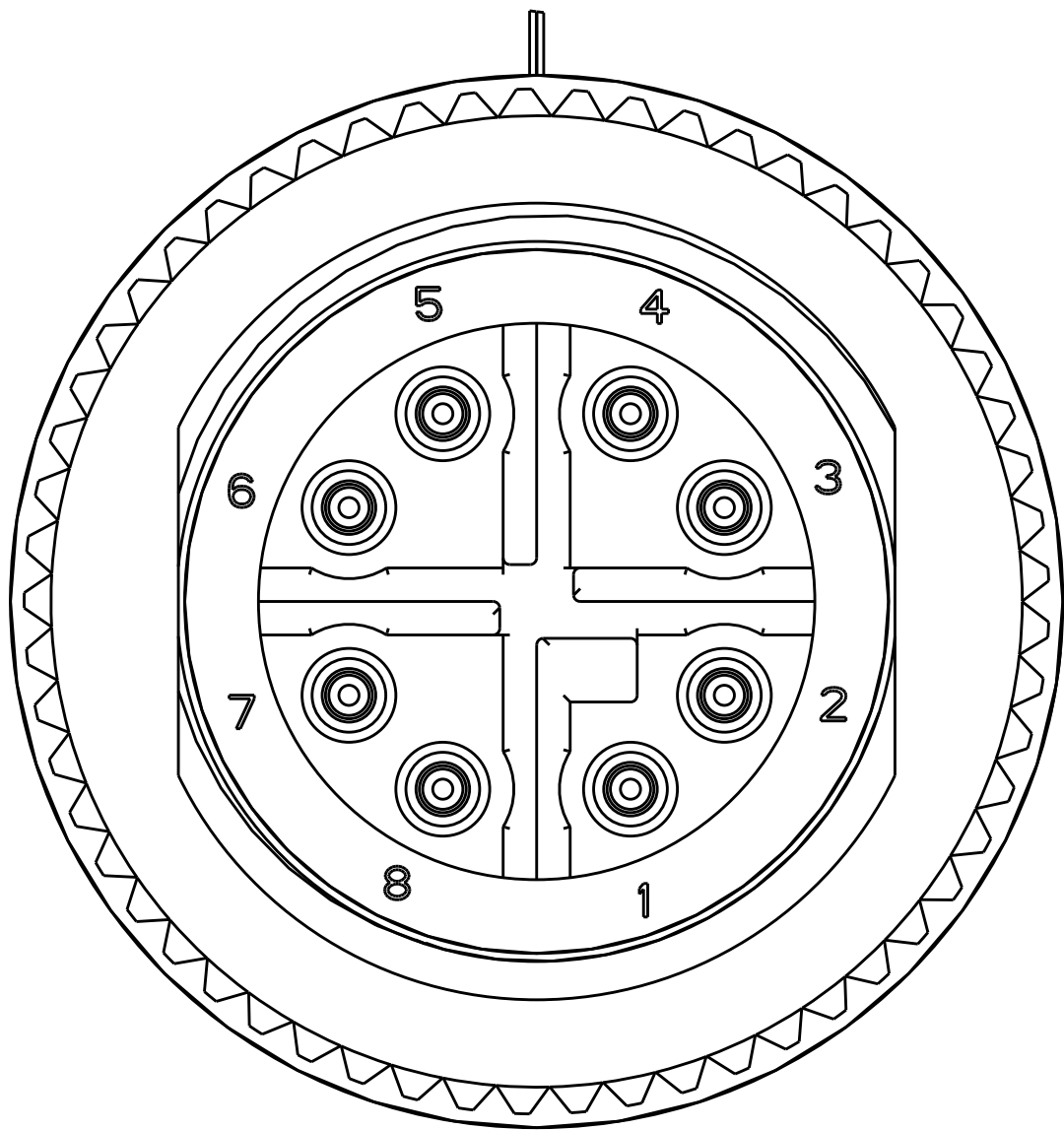


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
			1	CREATE CUSTOMER DRAWING	23-Aug-13	K.Z	P.Y	
			A2	OFFICIAL INITIAL RELEASE	14-Jan-14	K.Z	X.X	
			A3	UPDATE DOCUMENT STATUS	30-JUN-14	H.W	X.X	
			A4	ADD NEW PART NUMBER	22 JUL 2015	N.P	X.X	

SEE DETAIL A



ITEM	DESCRIPTION	MATERIAL	FINISH/COLOR
1	INSERT	PA	BLACK
2	COUPLING RING	ZINC ALUMINUM ALLOY	NICKEL OVER COPPER
3	OVERMOLD	PVC	BLACK
4	LABLE	POLYESTER	WHITE
5	CABLE	COPPER/PVC	BLACK
6	COPPER FOIL	COPPER	
7	SHRINK TUBE		
8	SHEATH BODY	ZINC ALUMINUM ALLOY	NICKEL OVER COPPER
9	GROUNDING SPRING	COPPER ALLOY	NICKEL UNDER PLATED
10	SEALER RING	LSR 2660	BLACK
11	ORGNIZER	PA	BLACK
12	CONTACT	COPPER ALLOY	GOLD OVER NICKEL
13	CROSS SHIELDED	ZINC ALUMINUM ALLOY	NICKEL OVER COPPER



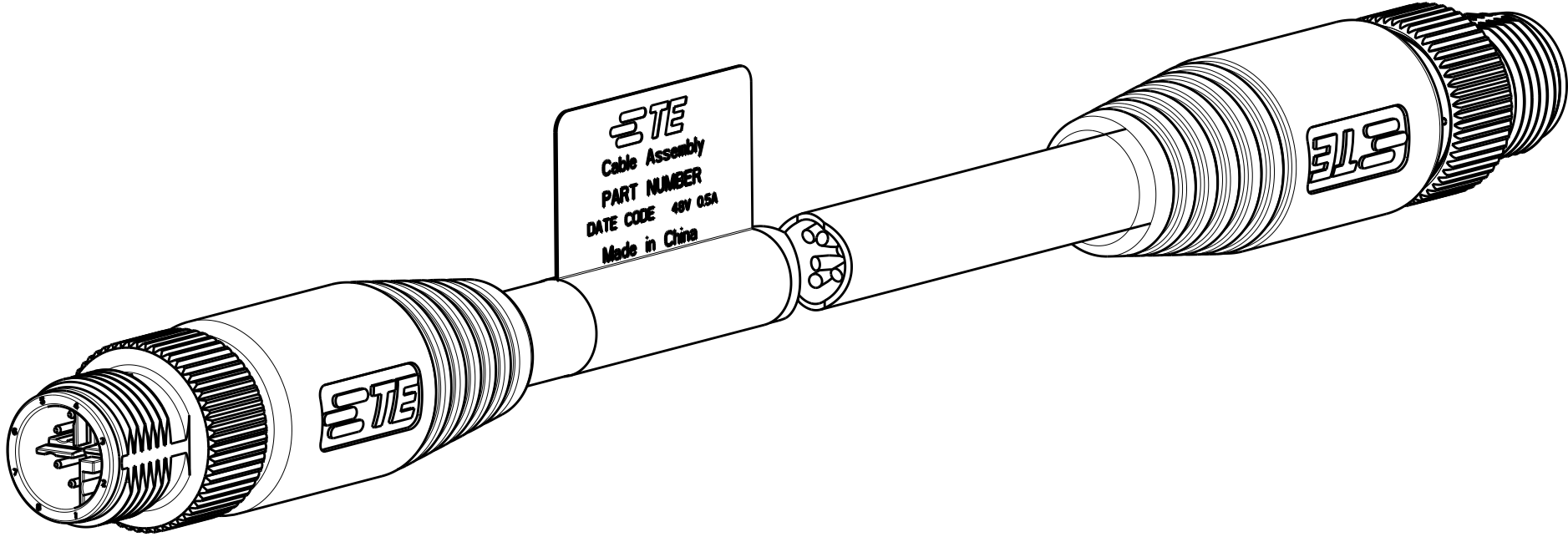
DETAIL A
SCALE 9:1

CONNECTOR PIN ASSIGNMENT

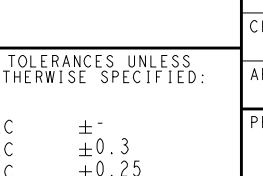
SPCIFICATION:

- M12 CAT6a 8P CABLE AWG26 SHIELDED DOUBLE ENDED.
- RATING VOLTAGE:48V, RATING CURRENT: 0.5A.
- CONTACT RESISTANT: 5 mOhm MAX.
- INSULATION WITHSTAND: 100 MOHm MIN.
- PROTECTION: IP67.
- TEMPERATURE RANGE: -40°~70°.
- TRANSMISSION CHARACTERISTICS: CAT6a.

WIRE TERMINATION CHART								
NO OF POSITIONS	PIN NUMBER							
	1	2	3	4	5	6	7	8
	WIRE COLOR							
8	WHITE-ORANGE	ORANGE	WHITE-GREEN	GREEN	WHITE-BROWN	BROWN	WHITE-BLUE	BLUE
WIRE PAIRS	TWISTED PAIR #1		TWISTED PAIR #2		TWISTED PAIR #3		TWISTED PAIR #4	



20.0m	2241021-7
10.0m	2241021-6
5.0m	2241021-5
4.0m	2241021-4
3.0m	2241021-3
2.0m	2241021-2
1.0m	2241021-1
"L" METERS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Robby Zhao 22-Jul-15	 TE Connectivity	
		CHK		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.3 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ± FINISH	APVD Xiang Xu 22-Jul-15	NAME
			PRODUCT SPEC 108-137008	DOUBLE ENDED, SHIELDED CAT 6A, PIN CONNECTOR CABLE ASSEMBLY, 10 GIGABIT, M12
MATERIAL			APPLICATION SPEC 114-137008	SIZE
			CAGE CODE	
WEIGHT		DRAWING NO		
		RESTRICTED TO		
		A100779C=2241021		
		Customer Drawing		
		SCALE 3:1 SHEET 1 OF 1 REV A4		