mail

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!

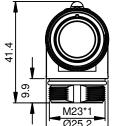


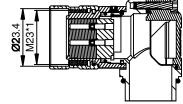
Contact us

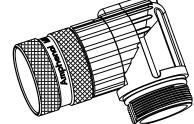
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



					RE	VISION	S					
	REV	ECO		DES	SCRI	PTION		DATE	BY	AP	PR	
	B1	-	RELEA	SE NE	W DW	G FORM	IAT	Feb.06,2014	Tod	Tor	nmy	
	B2	-	UPD	ATE TH	IE DU	RABILIT	Y	Jun.27,2015		Tor	nmy	
	B3	-		UP	DATE	C		04DEC15	MRF	Tor	nmy	
												TITLE: M23,
M	A1EAS19	900	M23	B, PLU	G, R/	A, ROT	, 19POS,	P TYPE, K	EYED "S	"	27	PLUC
M	A1EAR19	900		-		-		P TYPE, K			26	M23, PLUG, ANGLED, ROTATABLE, THREADED
MA1EAP1900			M23	M23, PLUG, R/A, ROT, 19POS, P TYPE							25	GLED
MA1EAG1900			M23	M23, PLUG, R/A, ROT, 19POS, E TYPE, KEYED "G"							24	, RO
MA1EAG1900 MA1EAF1900			M23	3, PLU	G, R/	A, ROT	, 19POS,	E TYPE, K	EYED "F'	a.	23	TATA
M	A1EAE19	900	M23	3, PLU	G, R/	A, ROT	, 19POS,	E TYPE			22	BLE,
											21	THR
	A1EAS17			-		-		P TYPE, K			20	ADE
MA1EAR1700			-	M23, PLUG, R/A, ROT, 17POS, P TYPE, KEYED "R" M23, PLUG, R/A, ROT, 17POS, P TYPE							19	Θ
	A1EAP17			-		-					18	
	A1EAG17 A1EAF17			-		-		, E TYPE, K , E TYPE, K			17 16	
	A1EAE17					-	, 17POS, , 17POS,				15	DWG NO
IVI		00		, i LO	<u>u, 17</u>	<u>, no i</u>	, 171 00,				14	NO:
Μ	A1EAS16	500	M23	3, PLU	G, R/	A, ROT	, 16POS,	P TYPE, K	EYED "S		13	
MA1EAR1600			_	M23, PLUG, R/A, ROT, 16POS, P TYPE, KEYED "R"								Ň
MA1EAP1600			M23	M23, PLUG, R/A, ROT, 16POS, P TYPE								MA1E/
MA1EAG1600			M23	M23, PLUG, R/A, ROT, 16POS, E TYPE, KEYED "G"								АхххОО
MA1EAF1600			M23	M23, PLUG, R/A, ROT, 16POS, E TYPE, KEYED "F"								Ô
			M23	M23, PLUG, R/A, ROT, 16POS, E TYPE								
											7	RE
MA1EAS1200				M23, PLUG, R/A, ROT, 12POS, P TYPE, KEYED "S"								REV: B3
MA1EAR1200				M23, PLUG, R/A, ROT, 12POS, P TYPE, KEYED "R"								
MA1EAP1200				M23, PLUG, R/A, ROT, 12POS, P TYPE M23, PLUG, R/A, ROT, 12POS, E TYPE, KEYED "G"								SH:
MA1EAG1200				M23, PLUG, R/A, ROT, 12POS, E TYPE, KEYED "G" M23, PLUG, R/A, ROT, 12POS, E TYPE, KEYED "F"								
MA1EAF1200 MA1EAE1200				M23, PLUG, R/A, ROT, 12POS, E TYPE								OF
PART NUMBER			10120	DESCRIPTION								<u> </u>
			TE			S LI		011			ITEM	
_	SPECIFIED	SIGNATU		DATE				h	200			
foll Fr	metric(mm). lows: actions ±1/64 igles ±1°	DRAWN: Drack	Ju	n.27,2015			-	ohe			_	
7	\$	ENGINEER:				Sin	e Systems - 44724 Mor	www.ampheno ley Drive	I-sine.com			
	<u>^\</u>	APPROVAL:						wnship, MI 4803	6			
ONS	3:	CUSTOMER:			MOO							
		THIS DRAWING IS SUP										
ONS	:	INFORMATION ONLY. E SPECIFICATIONS AND SHOWN HEREON ARE	PERFORMA	NCE DATA							VISION	
		THE AMPHENOL CORP OF REPRODUCTION A	ORATION. N RE IMPLIED.	IO RIGHTS ALL	B C- MA1EAxxx00					E	33	
		DIMENSIONS ARE SUB MANUFACTURING VAR		RMAL	SCALE:	SCALE: NONE C-MA1EAxxx00 SHEET 1 OF					1	
		•					ı					

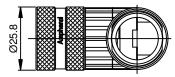






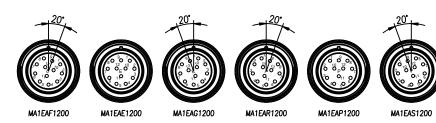
				REVISIONS							
	REV	ECO	C	ESCRIPTION	DATE	BY Tod	APPR				
	B1	-	RELEASE	NEW DWG FORMAT	Feb.06,2014		Tommy				
	B2	-	UPDATE	THE DURABILITY	Jun.27,2015	Drack	Tommy				
	B3	-		UPDATED	04DEC15	MRF	Tommy				
-	MA1EAS1	900		LUG, R/A, ROT, 19F							
-	MA1EAR1		M23, P	LUG, R/A, ROT, 19F	POS, P TYPE, KE	YED "R					
-	MA1EAP1	900	M23, P	LUG, R/A, ROT, 19F	POS, P TYPE		25				
-	MA1EAG1	900		LUG, R/A, ROT, 19F							
-	MA1EAF19	900	,	LUG, R/A, ROT, 19F		YED "F					
-	MA1EAE1	900	M23, P	LUG, R/A, ROT, 19F	POS, E TYPE		22				
							21				
-	MA1EAS1			LUG, R/A, ROT, 17F							
-	MA1EAR1			LUG, R/A, ROT, 17F		YED "R					
	MA1EAP1			LUG, R/A, ROT, 17F			18				
_	MA1EAG1			LUG, R/A, ROT, 17F							
-	MA1EAF17 MA1EAE1			LUG, R/A, ROT, 17F		YED F	" 16 15				
	MATEALT	700	IVI23, P	LUG, R/A, ROT, 17F	05, E T TPE		14				
-	MA1EAS1	600	M23 P	LUG, R/A, ROT, 16F	OS PITVPE KE						
-	MA1EAR1			LUG, R/A, ROT, 16F							
-	MA1EAP1						11				
-	MA1EAG1			M23, PLUG, R/A, ROT, 16POS, P TYPE M23, PLUG, R/A, ROT, 16POS, E TYPE, KEYED "G" M23, PLUG, R/A, ROT, 16POS, E TYPE, KEYED "F" M23, PLUG, R/A, ROT, 16POS, E TYPE							
-	MA1EAF1										
-	MA1EAE1										
			,								
-	MA1EAS1	200	M23, P	LUG, R/A, ROT, 12F	POS, P TYPE, KE	YED "S	" 6				
-	MA1EAR1	200	M23, P	LUG, R/A, ROT, 12F	POS, P TYPE, KE	YED "R	" 5				
-	MA1EAP1	200	M23, P	LUG, R/A, ROT, 12F	POS, P TYPE		4				
-	MA1EAG1	200	M23, P	LUG, R/A, ROT, 12F	POS, E TYPE, KE	YED "G	" 3				
-	MA1EAF12	200	M23, P	LUG, R/A, ROT, 12F	POS, E TYPE, KE	YED "F	" 2				
-	MA1EAE1	200	M23, P	LUG, R/A, ROT, 12F	POS, E TYPE		1				
UANTITY	PART I	NUMBER		DESCR			ITEM				
				IALS LIST	-						
All dimensions a Tolerances are a PL DEC ±0.30	Fractions ±1/64	DRAWN:	Drack Jun.27,2		nphei	no					
2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = X APPROVAL:			4472	ems - www.amphenol- 4 Morley Drive on Township, MI 48036							
MATERIAL SPECIFICATIONS: CUSTOMER: THIS DRAWING IS SUPPLI INFORMATION ONLY. DES				M23, PLUG, ANGLED, ROTATABLE, THREAD							
			ILY. DESIGN FEATURES AND PERFORMANCE D	ESIGN FEATURES, PERFORMANCE DATA I'HE PROPERTY OF JOATION. NO RIGHTS R C_ MA1FAvvvnnn							
		THE AMPHENOL OF REPRODUCTION	CORPORATION. NO RIG		MA1EAxxx	00	B3				

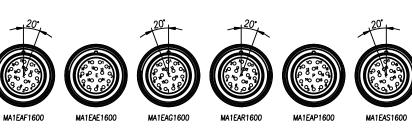
			REVISIONS								
	REV	ECO	DESCRIPTION			DATE	BY	APPR	1		
	B1	-	RELEASE NE	Tod	Tommy	1					
	B2	-		HE DURABILIT	Drack	Tommy	-				
	B3	-		DATED		n.27,2015 4DEC15	MRF	Tommy	1		
									M23, PLUG, ANGLED, ROTATABLE, THREADED		
-	MA1EAS19	900	M23, PLU	JG, R/A, ROT	, 19POS, P	TYPE, KE	YED "S	" 27	ĽŪĢ		
-	MA1EAR19	900	M23, PLU	JG, R/A, ROT	, 19POS, P	TYPE, KE	YED "R		ANG		
-	MA1EAP19			JG, R/A, ROT				25	Ē		
-	MA1EAG1			JG, R/A, ROT	· · · · · · · · · · · · · · · · · · ·				B		
-	MA1EAF19			M23, PLUG, R/A, ROT, 19POS, E TYPE, KEYED "F"							
	MA1EAE19	900	M23, PLU	JG, R/A, ROT	, 19POS, E	TYPE		22	- [
-	MA1EAS17	700	M22 DU	JG, R/A, ROT	17000 D			21 "20	- 품		
-	MATEAST			JG, R/A, ROT JG, R/A, ROT	· · · · · · · · · · · · · · · · · · ·						
-	MA1EAP17			JG, R/A, ROT				18	+		
-	MA1EAG1			JG, R/A, ROT			YED "G		1		
-	MA1EAF17			JG, R/A, ROT		-					
-	MA1EAE17		-	JG, R/A, ROT				15			
				,,	,,_			14	1 6		
-	MA1EAS16	600	M23, PLU	JG, R/A, ROT	, 16POS, P	TYPE, KE	YED "S	" 13	1		
-	MA1EAR16	600	M23, PLL	M23, PLUG, R/A, ROT, 16POS, P TYPE, KEYED "R"							
-	MA1EAP16	600	M23, PLU	JG, R/A, ROT	, 16POS, P	TYPE		11	MA1EAxxx00		
-	MA1EAG1	600	M23, PLL	M23, PLUG, R/A, ROT, 16POS, E TYPE, KEYED "G" M23, PLUG, R/A, ROT, 16POS, E TYPE, KEYED "F" M23, PLUG, R/A, ROT, 16POS, E TYPE M23, PLUG, R/A, ROT, 12POS, P TYPE, KEYED "S" M23, PLUG, R/A, ROT, 12POS, P TYPE, KEYED "R" M23, PLUG, R/A, ROT, 12POS, P TYPE							
-	MA1EAF16	500	M23, PLU								
-	MA1EAE16	600	M23, PLL								
-	MA1EAS12										
-	MA1EAR12		-								
_	MA1EAP12							4	Ľ.		
_	MA1EAG1			JG, R/A, ROT JG, R/A, ROT							
-	MA1EAF12			JG, R/A, ROT JG, R/A, ROT		,	TED F	<u>' 2</u> 1	ç		
		VUMBER	IVIZO, PLU		SCRIPTION			ITEM	-		
VANTIT	FANTI								┥		
JNLESS OTHER	WISE SPECIFIED			_					-		
) Tolerances are a 1 PL DEC ±0.30	Fractions ±1/64	DRAWN: Drac	k Jun.27,2015		mp	nei	no				
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	ENGINEER:		Sin	e Systems - ww	•	sine.com				
) Note reference = X ENGINEER: APPROVAL: CUSTOMER:				44724 Morley Drive Clinton Township, MI 48036							
							=		1		
		THIS DRAWING IS SUP	PLIED FOR	M23, PLUG	, ANGLED, F	ROTATAB	BLE, THF	{EADED	t.		
PROCESS SPECIFICATIONS: INFORMATION ONLY. DES SPECIFICATIONS AND PER			DESIGN FEATURES, PERFORMANCE DATA		REVISION	-					
		SHOWN HEREON ARE THE AMPHENOL CORF OF REPRODUCTION A	ORATION. NO RIGHTS	BC-	MA	1EAxxx	00	B3			
IEXT ASS'Y:		DIMENSIONS ARE SUE MANUFACTURING VAR	JECT TO NORMAL		C-MA1EA			 ○F1	-		
		1					í	I	L		

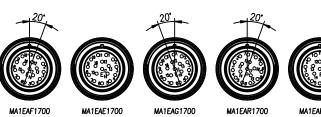


MA1EAF1900

MA1EAE1900

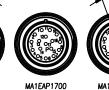






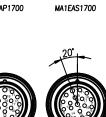
MA1EAG1900

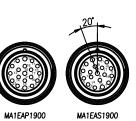
MA1EAR1900













NOTES: UNLESS OTHERWISE SPECIFIED

- 1. MATERIAL:
- INSULATION INSERT: PA66, UL94 V0 SEAL: VITON HOUSING BODY: ZINC DIE CAST, NICKEL PLATED COUPLING NUT: COPPER ALLOY, NICKEL PLATED
- 2. SPECIFICATIONS:
- 2.1 CURRENT RATING: 10 AMPS 12 POSITION 9 AMPS - 16 POSITION 9 AMPS - 17 POSITION 7 AMPS - 19 POSITION
- 2.2 VOLTAGE RATING: 160V AC/DC 12 POSITION 125V AC/DC - 16 POSITION 125V AC/DC - 17 POSITION 63V AC/DC - 19 POSITION
- 2.3 OPERATING TEMPERATURE: -20°C TO +130°C 2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 2500 VOLTS AC. 2.5 DEGREE OF PROTECTION: IP67 (MATED CONDITION) 2.6 DEGREE OF POLLUTION: 3 PER UL840 2.7 OVERVOLTAGE CATEGORY: III PER UL840 2.8 MATING CYCLE DURABILITY: >500 CYCLES 2.9 RoHS COMPLIANT

3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.