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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
A		INITIAL RELEASE	03JAN2018	G.W C.W
B		ECR-19-009136	01AUG2019	C.D C.W
BI		ECR-21-121934	24NOV2021	G.W C.W

M12, MALE, 8POLES

NOTE:
 1. TECHNICAL DATA: SEE TABLE 1
 2. RECOMMENDED MOUNT PANEL SEE DETAIL
 3. PACKAGING: 1PCS/BAG
 4. ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY UNLESS OTHERWISE STATED
 5. SEE TABLE 2, TYPE CODING:
 -X.X: CALBE LEGTH: -0.2:0.2M; -0.5:0.5M; -1.0:1.0M
 6. SEE TABLE 2, PN CODING:
 -00X: CALBE LEGTH: -001:0.2M; -002:0.5M; -003:1.0M

M12, MALE, 12POLES

1	Black	Black/黑
2	Brown	Brown/棕
3	Blue	Blue/蓝
4	White	White/白
5	Green	Green/绿
6	Pink	Pink/粉
7	Yellow	Yellow/黄
8	Gray	Gray/灰
9	Red	Red/红
10	Violet	Violet/紫
11	Gray/pink	Gray/pink/灰粉
12	Red/blue	Red/blue/红蓝

CIRCUIT DIAGRAM

RECOMMENDED PANEL CUTOUT

SCALE 2:1

注释:
 1. 技术参数, 见表1
 2. 推荐开孔尺寸详见如图所示
 3. 包装: 1PCS/袋
 4. 所有尺寸仅供参考, 除非另有说明
 5. 参照表2, 型号编码:
 -X.X: 线缆长度: -0.2:0.2M; -0.5:0.5M; -1.0:1.0M
 6. 参照表2, 料号编码:
 -00X: 线缆长度: -001:0.2M; -002:0.5M; -003:1.0M

TABLE 1

TECHNICAL DATA	T4171220008-00X	T4171230012-00X
RATED VOLTAGE	30V	30V
RATED CURRENT	2A	1.5A
POLLUTION DEGREE	3	3
OVERVOLTAGE CATEGORY	II	II
MATERIAL GROUP	II	II
DEGREE OF PROTECTION	IP67	IP67
OPERATION TEMPERATURE	-40~85°C	-40~85°C

TABLE 2

CABLE CHARACTERISTIC	CABLE LENGTH "L"	TYPE	POS.	PART NUMBER
WIRES: 0.25MM ² (24AWG) FOR 8P 0.14MM ² (26AWG) FOR 12P CUSTOMIZATION: -0XX:X.XM(<10M)	-001:0.2M -002:0.5M -003:1.0M	RPC-M12-MB-12CON-PG9-X.XLAU ⁵	12	T4171230012-00X ⁶
	-0XX:X.XM(<10M)	RPC-M12-MB-8CON-PG9-X.XLAU ⁵	8	T4171220008-00X ⁶

OTHERS	MATERIAL	DESCRIPTION	ITEM
-	EPOXY RESIN	POTTING ADHESIVE	7
-	-	CABLE	6
GOLD PLATED	BRASS	CONTACT	5
NICKEL PLATED	BRASS	METAL NUT	4
BLACK	RUBBER	O-RING	3
NICKEL PLATED	BRASS	M12, MALE, METAL BODY	2
-	PA	M12, MALE HSG	1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GAVIN WANG 03JAN2018	TE Connectivity	
DIMENSIONS: mm		CHK KEVIN HUANG 03JAN2018		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD CHRIS WANG 03JAN2018	NAME M12 PANEL MOUNT CONNECTOR A CODE, MALE, FRONT MOUNT WITH WIRE	
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		PRODUCT SPEC 108-106140	SIZE A2	
MATERIAL		APPLICATION SPEC 114-137144	DRAWING NO C-T417122000800X	
-		WEIGHT	RESTRICTED TO	
-		CUSTOMER DRAWING	SCALE 2:1 SHEET 1 OF 1 REV BI	

1471-9 (3/13)