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PROJECTPRJ-14-000004825

PART NO.X-2312547-X

DESCRIPTIONM12 A-CODED M-8 CABLE GLAND CONNECTOR MALE

CUSTOMERGENERAL MARKET

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A4	REVISED PER ECR-17-005478	14APR2017	KK	SE

Pos1

Pos2

Pos3

Pos4

Pos5

Pos6

Ø-1

Ø-2

6	1	CABLE GLAND	Cu-ALLOY
5	1	DISC	Cu-ALLOY
4	1	DISC HEAD	Cu-ALLOY
3	-	ORDERED SEPARATELY	Cu-ALLOY GOLD-PLATED
2	1	CONTACT HOLDER	PA (THERMOPLAST)
1	1	FRONT HOUSING	Cu-ALLOY NICKEL-PLATED
SL. NO.	QTY	DESCRIPTION	MATERIAL

M12 A-CODED M-8 CABLE GLAND MALE CONNECTOR

M12 A-8 MALE CABLE CLAMP RANGE FROM 4-6.5 mm

M12 A-8 MALE CABLE CLAMP RANGE FROM 5.5-9 mm

SL. NO.	TE PART NO.	DESCRIPTION	CONTACTS	Ø-1	Ø-2
1	1-2312547-1	M12 A-CODED M-8 CABLE GLAND CONNECTOR MALE 4-6.5 mm	8	4-6 mm	4-6.5 mm
2	1-2312547-2	M12 A-CODED M-8 CABLE GLAND CONNECTOR MALE 5.5-9 mm	8	4-7 mm	5.5-9 mm

SHIELD DISC CHART

PART NAME	CENTER HOLE SHIELD DISC	CABLE DIAMETER W/O OUTER SHEATH
SHIELD DISC 1	4 mm	3.9 mm MAX.
SHIELD DISC 2	5 mm	4.9 mm MAX.
SHIELD DISC 3	6 mm	5.9 mm MAX.
SHIELD DISC 4	7 mm	6.9 mm MAX.

CONTACTS TABLE

M12 CODING	PIN/SOCKET	PICTURE	WIRE SIZE	TE P/N	DESCRIPTION
A8 CODING	PIN		AWG22	1-2314097-1	M12 CRIMP CONTACT PIN 0.8mm Au 0.8µ
			AWG26	1-2314097-2	M12 CRIMP CONTACT PIN 0.8mm Au 0.8µ

PLEASE NOTE: CONTACTS NEED TO BE ORDERED SEPARATELY DEPENDING ON THE AWG SIZE.

NOTES:

-ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY.

-PACKAGING: 1 PIECE IN A BAG.

-THE CONNECTOR IS AS PER IEC 61076-2-101.

-TEMPERATURE RANGE: -40°C TO 85°C.

-VIBRATION & SHOCK TEST CONDUCTED AS PER IEC 61373:1999.

-FIRE PERFORMANCE CONDUCTED AS PER EN45545-2, NFF16-101 AND NFF16-102.

-THE THREAD OF THE MATING INTERLACE WITH THE COUNTERPART IS M12x1 ACCORDING TO IEC61076-2-101.

-SUPPLIER RECOMMENDED CRIMP INSERT: SHOULD BE VALIDATED ON CABLE USED.

-SHIELD DISC 1 - 4 ARE SUPPLIED IN THE BOX.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 m

0 PLC	±	-
1 PLC	±	-
2 PLC	±	-
3 PLC	±	-
4 PLC	±	-
ANGLES	±	-

FINISH-

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CHKKIRAN_K21NOV2016

APVDS_EGBERT21NOV2016

PRODUCT SPEC108-156001

APPLICATION SPEC114-156002

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAMEM12 A-CODED M-8 CABLE GLAND CONNECTORS MALE

SIZEA2

CAGE CODE00779

DRAWING NOC=2312547

RESTRICTED TO-

SCALENTS

SHEET1 OF 1

REVA4

2312547

ISO VIEW

1471-9 (1/15)