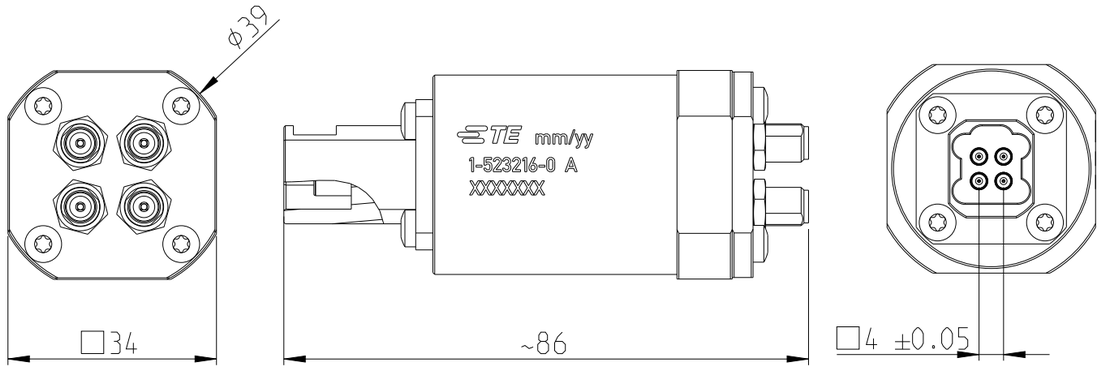
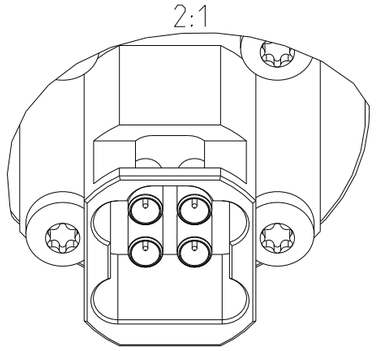
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL DRAWING	02FEB2018	BM	LB
	A1	ECR-21-005161	06MAY2021	BM	MP

Radio frequency characteristics	
Interface type	3.5mm Pin per IEC 60169-23 / MATE-AX plug
Frequency range	DC to 9GHz
Impedance	50Ω
Return loss, min. -mated with adapter 1-523216-1 -perfect axial alignmentis mandatory -TDR gated (lowpass step)	30 dB @ DC to 1 GHz 25 dB @ 1 to 2 GHz 20 dB @ 2 to 9 GHz
Mechanical characteristics	
Center conductor material / surface finish	CuBe age hardened / gold-plated
Outer conductor material / surface finish	copper alloy / gold plated
Insulation	PS, cross linked polystyrene
Other metallic parts / surface finish	aluminium / passivated copper alloy /nickel plated, silver-plated stainless steel
Marking	Logo, Rev., Order No., Prod. date, Serial no.
Recommended torque (3.5mm socket)	0.9NM ± 10%
Engagement force, approx.	22N
Disengagement force, approx.	18N
Matings, max.	500
Environmental conditions	
Storage	
Ambient temperature range	-40 to +70°C
Relative humidity	95% (non-condensing)
Scope of delivery and accessories and Application	
Scope of delivery	Adapter and Datasheet packed in a box
Application	MATE-AX, 4 pos. Socket Hsg. 2298721, 2310886



2:1



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.3
1 PLC ±0.2
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL: -, -

FINISH: -, -

DWN B. Muth 02FEB2018
CHK L. Bauer 02FEB2018
APVD L. Bauer 02FEB2018
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT ~110g

TE Order No. 1-523216-0

TE Connectivity

NAME MATE-AX, HF-ADAPTER, 4 POS
PIN-RPC 3.50 SOCKET
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1-523216-0	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 1 | REV A1

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

3430B2F51RTDF MPT100C18RF 141991-2 1903112-2 2377783-2 3631B101LL 936348-1 TE50BR39J
1393431-1 1743455-2 1969656-1 2005330-1 650075-000 CPF0402B37K4E1 CRGCQ2010J3K3
1-794222-0 RH73H2A40MKTN SMW73R0JT 2380312-2 3-1393225-0 SBCHE64R7K ROX05SJ18R
175977-2 2-292161-3 2310537-1 917696-1 U5254-000005-030PA 1-962915-1 2834055-1 SBCHE154R7K