

REV	ECON NO.	MATERIAL	REVISIONS	SIGN	DATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS	CHECKED	DESIGNED	TITLE
A	EXXXX-XXX	▲ X 0				X _s ±0.50 X ±0.30 XX ±0.20 ANG ±5'00"	92	H.T CHEN 06/24/02'	PLUG IN CONNECTOR Solder type-16 position
							92	H.T CHEN 06/24/02'	UNIT NM
								H.T CHEN 06/24/02'	SCALE 2/1
									PART NO. A31-236-1606
									DOC. NO. CUT-236-001
									REV A

ITEM	PARTS NAME	Q'TY	MATERIAL	FINISH/REMARK
1	TOP COVER	1	ABS	(Black)
2	BOTTOM COVER	1	ABS	(Black)
3	BUTTON	2	ABS	(Black)
4	HOUSING	1	P.B.T+G.F	UL-84V-0 (Black)
5	LATCH-L	1	STAINLESS	Non-plating
6	LATCH-R	1	STAINLESS	Non-plating
7	CONTACT	16	Phosphor Bronze	Gold flash selective
8	INSULATOR	1	P.B.T+G.F	UL-84V-0 (Black)

Top view of the connector housing showing dimensions: 7.00, 1.00, and 45.00.

Front view of the connector housing showing dimensions: 23.0, 15.80, 2.75, 5.20, and 32.0.

Side view of the connector housing showing dimensions: 9.0, 3.60, and 10.6.

Bottom view of the connector housing showing dimensions: 7.50 and 8.50.

Exploded view of the connector assembly with callouts 1 through 8.

ASSY HOUSING (M30-336-0001)

SPECIFICATION

MATERIAL
See drawing

STANDARD DATA
Rating current: 1.0A
Applicable wire: AWG#26 Max.
Operating temperature: -30°C ~ +50°C
Storage temperature: -40°C ~ +85°C

ELECTRICAL
Insulator resistance: 1000M ohms Min @ 250 VDC
Withstanding voltages: 100 VAC / minute
Contact resistance: 50 m ohms Max.

MECHANICAL
Mating force: 30N(3.06kgf) Max.
Unmating force (Without lock): 4.2N(0.43kgf) Min.
Durability: 10000 cycles Min.
Contact retention force: 4.2N(0.43kgf) Min.

PART NO

SERIES: A 3 1 - 236 - 16 06
 TYPE: A=Plug in
 J=1.0mm pitch
 CONTACT TYPE: 1=Solder type
 MODEL NO.: 31-236-1606
 TYPE NO.: 06=Type 6
 CONTACT NUMBER: 16=16position

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