

ITEM ??	PARTS NAME ????	Q'TY ??	MATERIAL ??	FINISH/REMARK ???
1	TOP COVER	1	ABS	(Black)
2	BOTTOM COVER	1	ABS	(Black)
3	BUTTON	1	ABS	(Black)
4	HOUSING	1	PBT+GF	UL-94V-0 (Black)
5	LATCH	2	STAINLESS	Non-plating
6	CONTACT	15	Phosphor Bronze	Gold flash selective

SPECIFICATION
MATERIAL
 See drawing
STANDARD DATA
 Rating current: 10A
 Applicable wire: AWG#26 Max.
 Operating temperature: -30°C ~ +60°C
 Storage temperature: -40°C ~ +85°C

ELECTRICAL
 Insulator resistance: 1000M ohms Min. @ 250 VDC
 Withstanding voltage: 100 VAC / minute
 Contact resistance: 130 m ohms Max.

MECHANICAL
 Mating force: 30N(3.05kgf) Max
 Unmating force (Without lock): 4.2N(0.43kgf) Min.
 Durability: 10000 cycles Min
 Contact retention force: 4.2N(0.43kgf) Min

PART NO.
 A 5 1 - 257 - 15 01

SERIES A=Plug In
TYPE 5=1.0mm pitch
CONTACT TYPE 1=Soldar/SMD type

MODEL NO. 257
TYPE NO. 01=Type 1
CONTACT NUMBER 15=15 position

CYPRESS INDUSTRIES					
REV ??	ECH NO. 2227	MARK ??	REVISIONS ???	SIGN ??	DATE ??

UNLESS OTHERWISE SPECIFIED TOLERANCE ?? ? ? ? X ±0.50 X ±0.30 .XX ±0.20 ANG. ±5'00"	CHECKED ??	DESIGNED ?? H.T CHEN D6/21/02'	TITLE 2229 PLUG IN CONNECTOR Soldar/SMD type-15 position	PART NO. 7222 A51-257-1501	REV. ?? A
	APPROVED ??	DRAWN ?? H.T CHEN D6/21/02'	SCALE 2/1	DOC. NO. 2227 CUT-257-004	