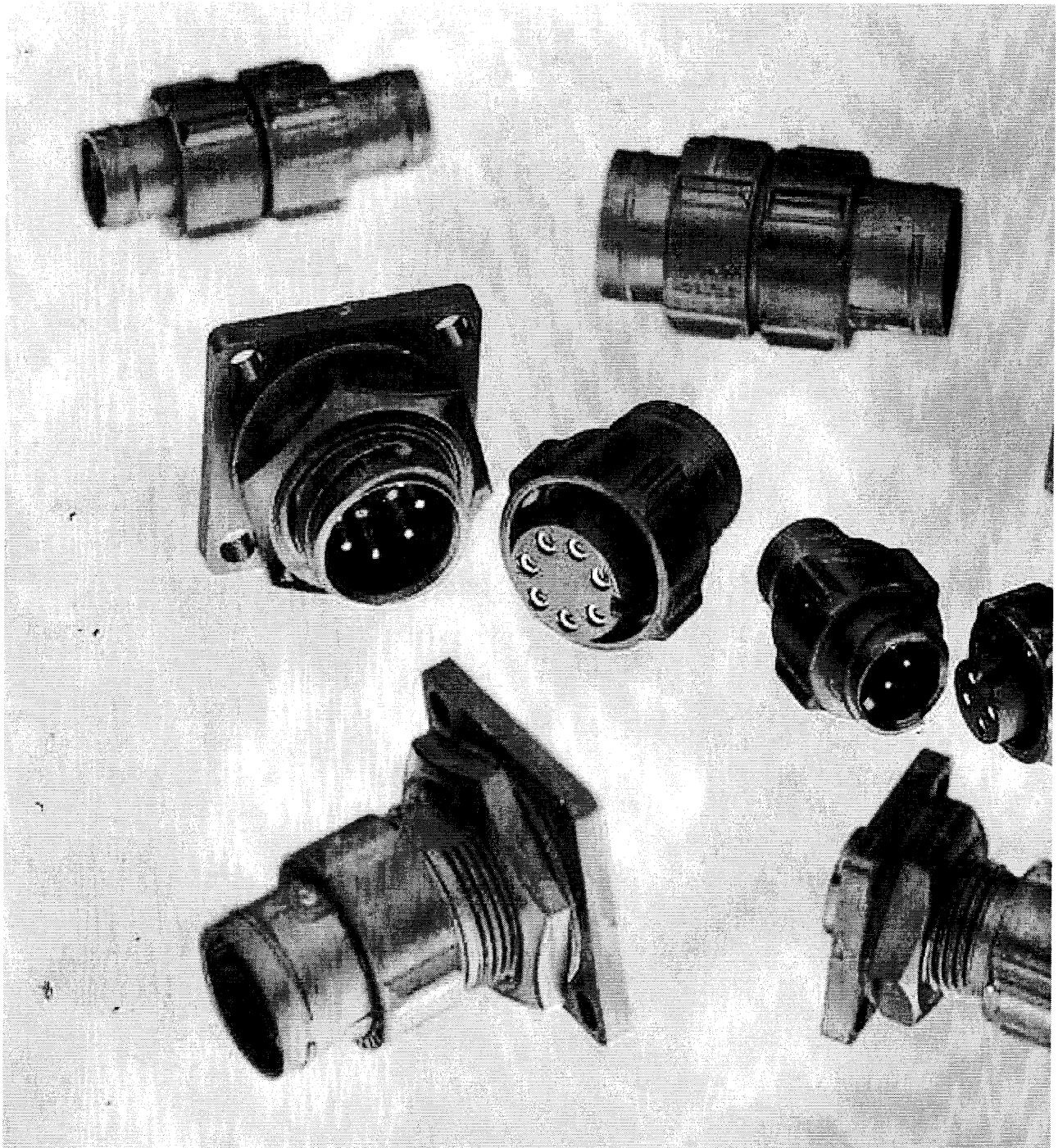


3696285 to 3696376.



CONTACTS IMC SERIES

Deutsch has extended the contact range on the IMC by adding a stamped and formed contact. The IMC connector range can now address higher specified applications using the solid formed contact offers a lower cost and automated assembly solution.

OPTION 1 CONTACTS FOR VOLUME PRODUCTION

GENERAL SPECIFICATION

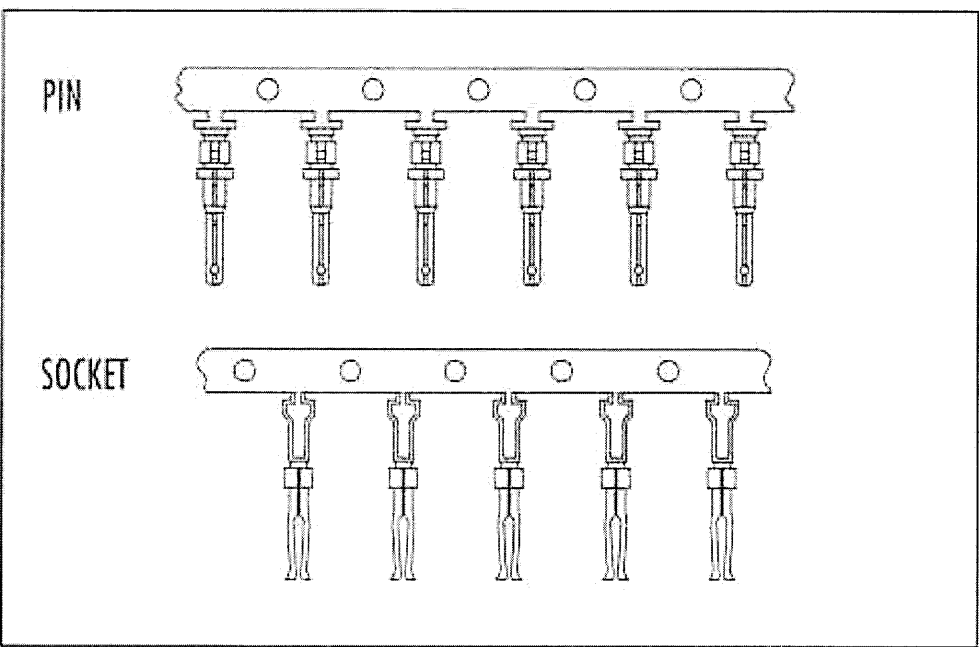
Mechanical operations:	250 matings MIN
Size/Current rating:	20 : 3 Amps MAX
Contact resistance:	Better than 10mΩ
Material:	Copper alloy
Plating:	Contact face — Gold Crimp area — Nickel
Socket fingers:	No sleeve

OPTION 2 HIGHER SPECIFIED CONTACTS

GENERAL SPECIFICATION

Mechanical operations:	500 matings MIN
Size/Current rating:	22 : 5 Amps 20 : 7.5 Amps 16 : 13 Amps
Contact resistance:	Better than 5mΩ
Material:	Copper alloy
Plating:	Gold over Nickel
Socket fingers:	Sleeved Stainless Steel

OPTION 1 STAMPED AND FORMED CRIMP CONTACTS – FOR VOLU.



HOW TO ORDER STAMPED & FORMED CONTACTS

686* – 101 – 20* .

Contact Part No. *Method of Supply

Contact type 1: In pack of 100

0: pin 2: In pack of 300

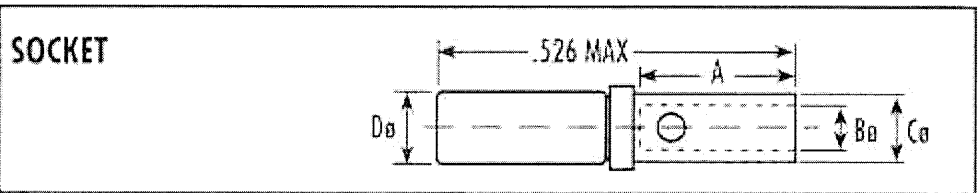
2: socket 3: 10,000 on a reel

Wire Gauge

1: 24-28

2: 20-24

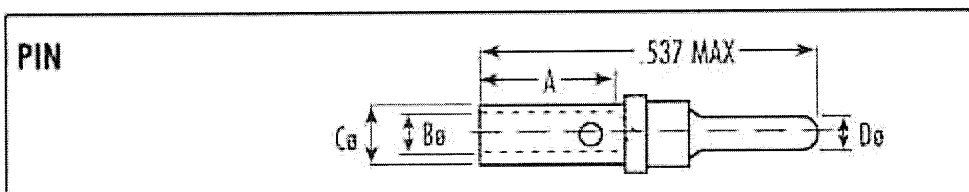
OPTION 2 CRIMP/SOLDER MACHINED CONTACT – HIGHER SPECIF



SOCKET CONTACTS

Socket Contact	Size	A	Bø	Cø	Dø	Wire Gauge	Recommended
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Part No.		Min	Min	Max	Max	Range	Strip Length
6862-201-22278	22	3.58	0.85	1.22	1.50	22, 24, 26	4.06 to 4.83
6862-201-20278	20	5.30	1.17	1.78	1.98	20, 22, 24	5.84 to 6.60
6862-201-16278	16	5.30	1.68	2.62	2.83	16, 18, 20	5.84 to 6.60



PIN CONTACTS

Pin Contact Part No.	Size	A Min	Bø Min	Cø Max	Dø Max	Wire Gauge Range	Recommended Strip Length
6860-201-22278	22	3.68	0.85	1.22	0.762	22, 24, 26	4.06 to 4.83
6860-201-20278	20	5.31	1.17	1.78	1.016	20, 22, 24	5.84 to 6.60
6860-201-16278	16	5.31	1.68	2.62	1.588	16, 18, 20	5.84 to 6.60

Note: All dimensions in millimetres