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PRODUCT NUMBER	NOTE 12	PLATING	UNDERPLATING
75481-YYY	30µ" [0.76µ] MIN Au	50µ" [1.27µ] MIN Ni	
75481-YYYLF			
75482-YYY	UNASSIGNED		
75483-YYY	50µ" [1.27µ] MIN Au	50µ" [1.27µ] MIN Ni	
75483-YYYLF			
75484-YYY	120µ" [3.05µ] MIN 93/7 SnPb	50µ" [1.27µ] MIN Ni	
75484-YYYLF	100µ" [2.54µ] MIN Sn	50µ" [1.27µ] MIN Ni	
75485-YYY	30µ" [0.76µ] MIN GXT™	50µ" [1.27µ] MIN Ni	
75485-YYYLF			
75486-YYY	15µ" [0.38µ] MIN GXT™	50µ" [1.27µ] MIN Ni	
75486-YYYLF			
75487-YYY	UNASSIGNED		
75488-YYY	UNASSIGNED		
75489-YYY	15µ" [0.38µ] MIN Au	50µ" [1.27µ] MIN Ni	
75489-YYYLF			

NOTE 14 - OBSOLETE
NOTE 13

NOTES:

① PIN MATERIAL: PHOS BRONZE 3/4 HARD
ASTM-B-159-66

② BURNISH MARKS ON PIN PERMITTED, BURR
.003/.08 MAX BULGE .0005 [0.013] TYP.

③ SEE PRODUCT SPECIFICATION BUS-12-064 FOR
P.C. BOARD HOLE DIAMETER AND P.C. BOARD
HOLE PLATING INFORMATION.

④ PIN TO FERRULE RETENTION 1 LB [0.45 KG] MIN
TO 6 LBS [2.72 KG] MAX.

⑤ THE .041±.001 [1.04±.03] FEATURE SHALL
BE CONCENTRIC TO THE WIRE DIAGONAL WITHIN
.004 [0.10] TIR.

⑥ .002 [0.05] R MAX TYP 4X ON WIRE WRAP
PORTION OF PIN.

⑦ CARRIER STRIP FOR CONVEYING PURPOSES ONLY.

⑧ DOUBLE ENDED PINS AS MARKED MUST MEET
SPECS IN VIEWS B & C ON BOTH ENDS.

⑨ USE FIRST TWO DIGITS OF "H" DIMENSIONS
FOR DASH NUMBER OF PUNCH FROM MACHINE
EPL:
EXAMPLE:
PUNCH P/N FROM EPL P/N 75481-001
BP161A-105396-028
BP151-133632-028
"BD" = .062 [1.58]
"H" = .283 [7.19]
BP171-133632-028

⑩ SPECIAL STAR .044 ±.002 [1.12 ±.05] WIDE X .060 [1.52] LONG
FOR DASH NUMBER [-048] ONLY.

11. CENTER LINE OF TERMINAL MUST BE IN A
TRUE POSITION WITHIN .016 [0.41] DIA WITH
RESPECT TO THE HOLE AXIS AFTER INSERTION
IN PC BOARD.

⑫ ADD AN LF SUFFIX TO PART NUMBER FOR PRODUCT THAT
MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-022-008.

⑬ THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN
TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS.

⑭ 75484-YYY IS NOT ROHS COMPLIANT.

mat'l code	surface	tolerance	ASME Y14.5	projection	product family	PIN PRODUCTS
tolerances unless otherwise specified	XX.01/X.3	angles	XXXX.005/XX+.B	INCH/MM	BERGPN® .200" [5.08] cc	0.41" [1.04] DIA. STAR
0 ±.2	0 ±.2	0 ±.2	XXXX.0020/XXX.051	scale	1:1	
dr	S. ROVER	1994-07-20	dwg no	sheet 2 of 4	size	A4
eng	L. FVE	1994-07-20	FCI	75481	type	CUSTOMER Drawing
chf	L. FVE	1994-07-20	sheet	revision	sheet	index
appd	L. FVE	1994-07-20				

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mat'l code	surface	tolerance	ASME Y14.5	projection	product family	PIN PRODUCTS	title	BERGPIN® .200" [5.08] cc	0.41" [1.04] DIA. STAR	scale	1 : 1	dwg no	75481	sheet 3 of 4	A4	type	CUSTOMER Drawing
trf	ecn no	dr	date	tolerances unless otherwise specified	ASME Y14.5	angles	XX+0/X-3	INCH/MM	0±.2	0±.2	0±.2	dr	S. ROYER	1994-07-20	engr	L. FVE	1994-07-20
sheet	revision	sheet	revision	sheet	revision	sheet	revision	sheet	revision	sheet	revision	sheet	revision	sheet	revision	sheet	revision

PRODUCT NUMBER	CONTACT AREA	TERM.	AREA	OVERALL LENGTH	DIM L	DIM L	DIM B	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	NOTES
7548X-001	7.06	0.042	1.07	0.390	9.91	0.283	7.19	0.268	6.81	0.253	6.43	-	-	
7548X-002	0.308	7.82	0.042	1.07	0.420	10.67	0.313	7.95	0.298	7.57	0.283	7.19	-	
7548X-003	0.285	7.24	0.075	1.91	0.430	10.92	0.290	7.37	0.275	6.99	0.260	6.60	-	
7548X-004	0.315	8.00	0.055	1.40	0.440	11.18	0.320	8.13	0.305	7.75	0.290	7.37	-	
7548X-005	0.315	8.00	0.075	1.91	0.460	11.68	0.320	8.13	0.305	7.75	0.290	7.37	-	
7548X-006	0.368	9.35	0.042	1.07	0.480	12.19	0.373	9.47	0.358	9.09	0.343	8.71	-	
7548X-007	0.375	9.53	0.055	1.40	0.500	12.70	0.380	9.65	0.365	9.27	0.350	8.89	-	
7548X-008	0.315	8.00	0.125	3.18	0.510	12.95	0.320	8.13	0.305	7.75	0.290	7.37	NOTE 8	
7548X-009	0.405	10.29	0.042	1.07	0.517	13.13	0.410	10.41	0.395	10.03	0.380	9.65	-	
7548X-010	0.315	8.00	0.155	3.94	0.540	13.72	0.320	8.13	0.305	7.75	0.290	7.37	NOTE 8	
7548X-011	0.428	10.87	0.042	1.07	0.540	13.72	0.433	11.00	0.418	10.62	0.403	10.24	-	
7548X-012	0.475	12.07	0.055	1.40	0.600	15.24	0.480	12.19	0.465	11.81	0.450	11.43	-	
7548X-013	0.405	10.29	0.135	3.43	0.610	15.49	0.410	10.41	0.395	10.03	0.380	9.65	NOTE 8	
7548X-014	0.508	12.90	0.042	1.07	0.620	15.75	0.513	13.03	0.498	12.65	0.483	12.27	-	
7548X-015	0.698	17.73	0.042	1.07	0.810	20.57	0.703	17.86	0.688	17.48	0.673	17.09	-	
7548X-016	0.760	19.30	0.040	1.02	0.870	22.10	0.763	19.38	0.748	19.00	0.733	18.62	-	
7548X-017	0.315	8.00	0.255	6.48	0.640	16.26	0.320	8.13	0.305	7.75	0.290	7.37	NOTE 8	
7548X-018	0.405	10.29	0.055	1.40	0.530	13.46	0.410	10.41	0.395	10.03	0.380	9.65	-	
7548X-019	0.443	11.25	0.315	8.00	0.828	21.03	0.448	11.38	0.433	11.00	0.418	10.62	NOTE 8	
7548X-020	0.631	16.03	0.315	8.00	1.016	25.81	0.636	16.15	0.621	15.77	0.606	15.39	NOTE 8	
7548X-021	0.315	8.00	0.179	4.55	0.564	14.33	0.320	8.13	0.305	7.75	0.290	7.37	NOTE 8	
7548X-022	0.625	15.88	0.245	6.22	0.940	23.88	0.630	16.00	0.615	15.62	0.600	15.24	NOTE 8	
7548X-023	0.230	5.84	0.045	1.14	0.345	8.76	0.235	5.97	0.220	5.59	0.205	5.21	-	
7548X-024	0.575	14.61	0.045	1.14	0.690	17.53	0.580	14.73	0.565	14.35	0.550	13.97	-	
7548X-025	0.575	14.61	0.045	1.14	0.690	17.53	0.580	14.73	0.565	14.35	0.550	13.97	-	
7548X-026	0.625	15.88	0.355	9.02	1.050	26.67	0.630	16.00	0.615	15.62	0.600	15.24	NOTE 8	
7548X-027	0.625	15.88	0.355	9.02	1.050	26.67	0.630	16.00	0.615	15.62	0.600	15.24	NOTE 8	



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